QH 84.3 .N714 1976 SERC

1975

ENVIRONMENTAL MONITORING AND BASELINE DATA

Compiled under the
SMITHSONIAN INSTITUTION
ENVIRONMENTAL SCIENCES PROGRAM

Temperate Studies
Rhode River, Maryland

Edited by David L. Correll

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^{*} Monitored on strip charts at dock by Robert Cory, U. S. G. S.

^{**} Published separately as daily maximum and minimum values as U. S. G. S. data file report

Another major interaction of the Rhode River ecosystem is the exchange of water masses with the open bay. This maintains the salinity gradient and determines many of the properties of the estuary. Map number 3 illustrates the aquatic system with channel axes and axial distances marked. Map number 4 illustrates the estuarine sampling stations and transects in the Rhode River. These are the stations used for integrated data collection for the development of estuarine models.

In 1974 and 1975 extensive estuarine research was conducted on the South River subestuary of the Chesapeake Bay. Map number 5 shows the stations and transects used in this work. The goal of this short-term research was to evaluate a comparative approach to estuarine modeling.

In 1966 the Smithsonian Institution was given the first of a group of Islands in Chesapeake Bay called the Poplar Island Group (map 6).

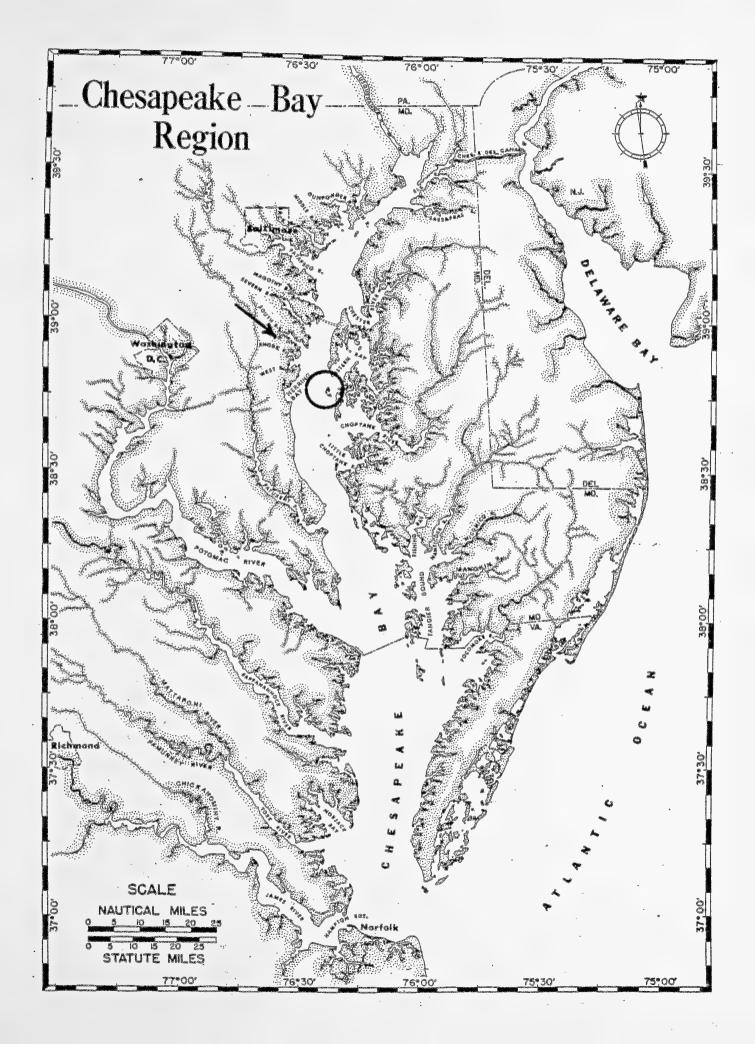
Some research has been conducted there over the intervening years and will be included in this report.

This report is primarily a guide to the research data collected during 1975. In the interest of practicality, all data which is currently scheduled to be included in the Center's computer data bank on magnetic tape will only be described sufficiently for interested parties to identify what is in the bank and whether it would be of interest to retrieve it. Other categories of data will be handled as in previous yearly reports.

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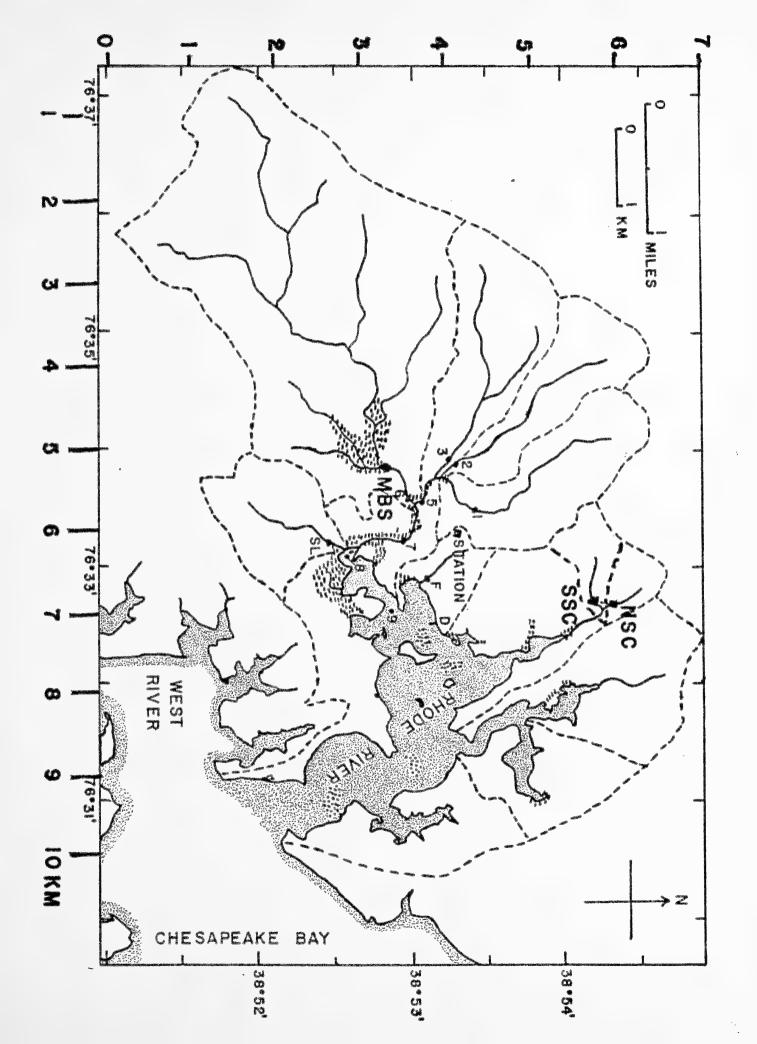
Figure 1. Map of the Chesapeake Bay area. An arrow points to the location of the Rhode River subestuary. The South River subestuary is immediately to the north. The Poplar Islands are enclosed in a circle.





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Figure 2. Map of the watershed of the Rhode River subestuary of Chesapeake Bay. Subwatershed boundaries are delineated with dashed lines. Stream-gauging notch weirs, with automated discharge rate-recording and volume-integrated water sampling instrumentation are now operating at locations 1, 2, 3, SL, F, NSC, and SSC. A tidal flux station with recording current meter and tide gauge interfaced with volume-integrated water samplers for incoming and for outgoing tidal waters are now operating at station MBS (Muddy Creek main branch flux section). D is the location of the Smithsonian boat dock. The metric X-Y grid of the watershed/estuary is marked on the margins in kilometers.



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Table 1. Land Use Analysis of Rhode River Basins Monitored in 1975. (See map #2 for locations).

				ordines]	ectares in e	Hectares in each land use category in 1972	tegory in 1972		
несения от полительной подпасного подпасного подпасного подпасного подпасного подпасного подпасного подпасного	Basin	Crops	Cultivated Crops	Wet Areas (fresh)	Wet Areas (tidal)	Forest & brush land	Pasture land	Residential & other	Total area (ha)
genoriji	North Branch Sellman Creek Weir (NSC)	, v	12.5 (33.3%)	0	0	14.5 (38.8%)	10.3 (27.6%)	0.13 (0.3%)	£.
Second Second	South Branch Sellman Creek Weir (SSC)	6.	27.9 (31.5%)	0.17 (0.2%)	~	39.8 (44.9%)	15.8 (17.8%)	5.1 (5.7%)	88.7
Susception of the susception o	Fox Creek Weir (F)	<i>o</i> i	2.3 (8.0%)	0	0	24.4 (83.0%)	2.2 (7.5%)	0.43 (1.5%)	29.4
	North Branch Muddy Creek Weir (#1)	5	69.7 (29.1%)	(%8.0) 6.1	0	107.7 (45.0%)	46.9 (19.6%)	13.2 (5.5%)	7 539.4
	Blue Jay Branch Muddy Creek Weir (#2)	4	47.2 (26.2%)	2.0 (1.1%)	3	92.6 (51.4%)	27.3 (15.2%)	(%1.9)	,— 0 8 8
Sancard Sancard	Williamson Branch Muddy Creek Weir (#3)	(a)	18.2 (7.2%)	0.45 (0.2%)	0	188.5 (74.1%)	31.8 (12.5%)	15.5 (6.1%)	254.4
Secret Secret Secret Secret	Main Branch Muddy Creek flux section (MBS)	260.0	260.0 (21.2%)	59.0 (4.8%)	0	671.1 (54.6%)	144.0 (11.7%)	94.8 (7.7%)	1229.0
james james james	Steinlein Branch Muddy Creek Weir (SL)	62.0	62.0 (42.2%)	0.36 (0.2%)		72.9 (49.7%)	7.4 (5.0%)	4.1 (2.8%)	146.8

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Figure 3. Map of the Rhode River subestuary of Chesapeake Bay. The names of the various arms of Rhode River are given. Channel axes are drawn in with axial distances in kilometers from the mouths upstream.

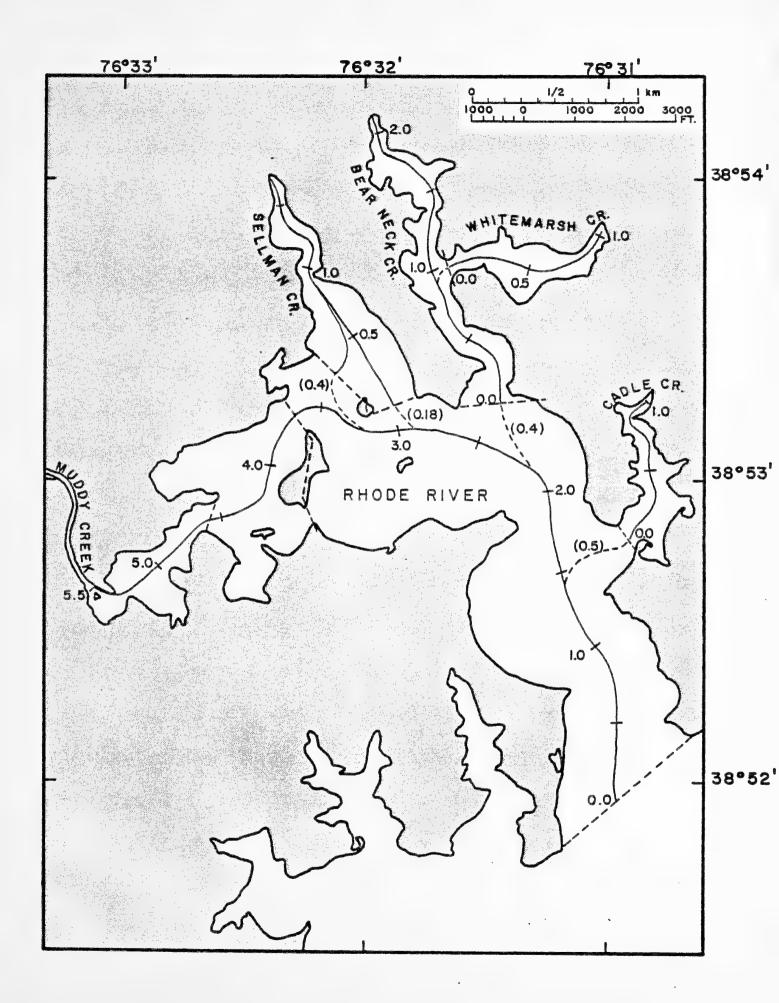


Figure 4. Map of the Rhode River subestuary of Chesapeake Bay. Transect stations are designated by a terminal T. In general, parameters were measured as vertical profiles or vertically integrated samples at point stations and as horizontally integrated samples or horizontal profiles at transect stations.

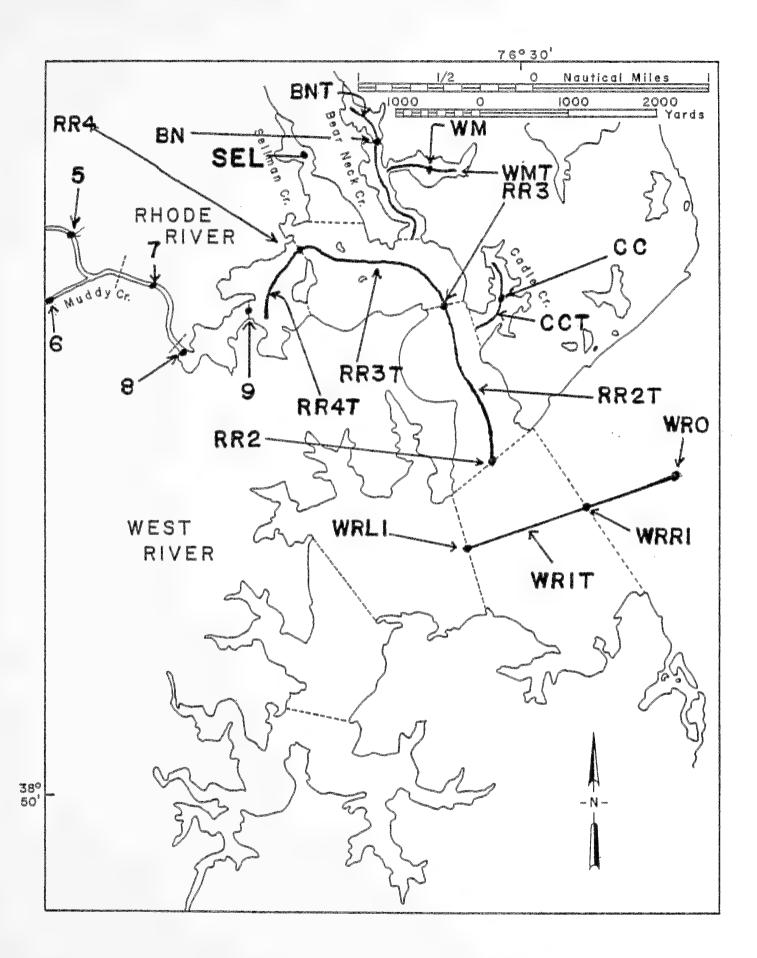
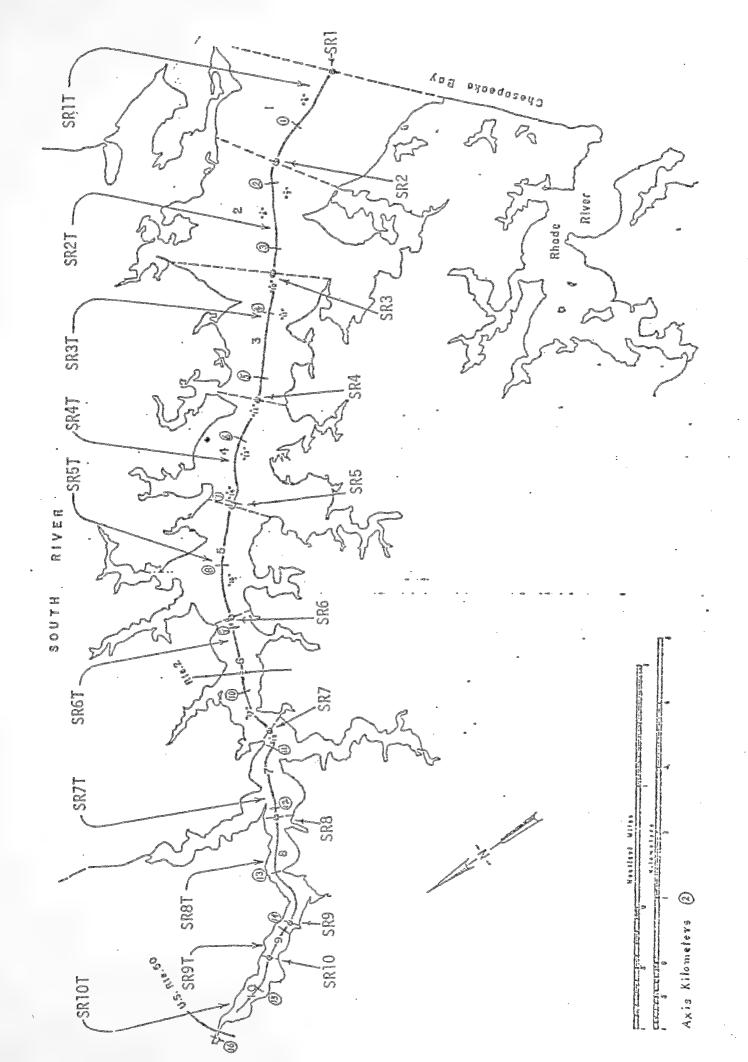


Figure 5. Map of the South River subestuary of Chesapeake Bay. Transect stations are designated by a terminal T. In general, parameters were measured as vertical profiles or vertically integrated samples at point stations and as horizontally integrated samples or horizontal profiles at transect stations.



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Figure 6. Map of the Poplar Island Group with approximate boundaries at various times in the past designated. In 1975 only Coaches Island was not owned by the Smithsonian Institution. For the location of the island group in Chesapeake Bay see figure 1.

POPLAR ISLAND GROUP

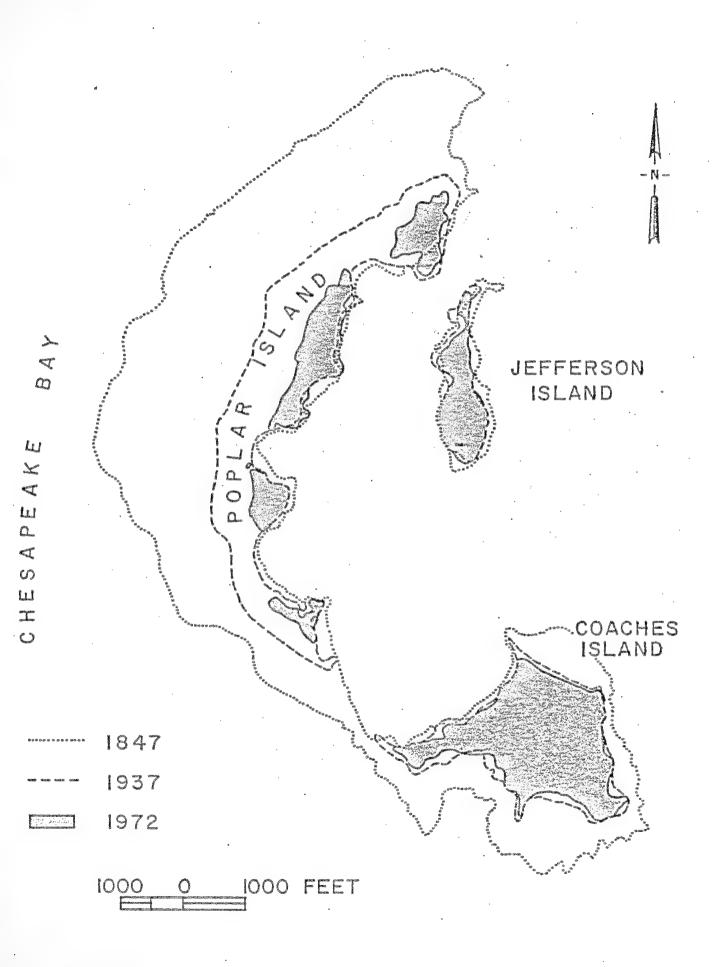


Table 2. Cross Comparison List of Estuarine Stations.

Description	North fork of Muddy Creek.	Main branch of Muddy Creek above fork.	Halfway between C8 and the first fork of Muddy Creek.	Downstream end of Muddy Creek channel.	Between Fox Point and northern end of Corn Island.	In channel west of northern end of Big Island.	In channel off the end of CBCES dock.	In channel on line between northern end of Big Island and Flat Island.	Channel near RR7 channel marker.	Channel near RR4 channel marker.
Rhode River grid location	5578 - 3723	9096 - 3506	6084 - 3409	6217 - 2868	6976 - 3313	7169 - 3373 7265 - 3687 7470 - 3976	7229 - 3651	7662 - 3964	7711 - 3928 8952 - 3482	9108 - 2867
Axial designation (Km)	RR 6.8 N	RR 6.95	RR 6.15	RR 5.40	RR 4.50	RR 4.3 RR 4.0 RR 3.65	RR 3.95	RR 3.38	RR 3.3 RR 2.1	RR 1.09
Computer station code	00035	00034	00033	00032	00031	030.4 030.2 00030	10	lanne hanne	029.4 00029	0015
Comparative study names 7/74 - 7/75	50	90	22	83	63	NA NA RR4	NA	N	NA RR3	NA
Pre 7/74 station name	ည	9	!	œ	6	2 Z Z Z	10	lene here	NA 12	12.5
Present station name	50	90	C 2	83	63	RR4C RR4B RR4A	N N	Z	RR3B RR3A	NA

Table 2. (Continued)

Description	Center of mouth of RR (line from Dutchman's Point to Cheston Point).	In West River off Cheston Point. Center of mouth of WR (line from Dutchman's Point to Curtis Point	WR2 channel marker.	Transect from RR4 to northeast of Corn Island.	Transect from RR3 to RR4.	Transect from RR2 to RR3.	Transect from WRR1 to WRL1	East of Chalk Point.	West of Chalk Point.	Transect from WRR4 to WRL4.
Rhode River grid location	9193 - 2675 9518 - 1578	9843 - 0976 9193 - 0723 10373 - 1217	11265 - 1458	*	*	*	*	N	¥.	NA
Axial designation (Km)	RR 1.0 RR 0.00	WR 0.6 WR 1.2 RR -1.17 (WR 0.0)	WR -1.0	RR 3.65 - 4.3	RR 1.8 - 3.65	RR 0.0 -	WR 0.0 -	WR 4.6 (E)	WR 4.7 (W)	WR 4.6 (E) - -4.7 (W)
Computer station code	028.4 00028	022.4 00023 00022	00021	00042	00041	000040	00026	00024	00025	00027
Comparative study names 7/74 - 7/75	NA RR2	NA WRL1 WRR1	WRO	RR4T	RR3T	RR2T	WRIT	WRR4	WRL4	WRAT
Pre 7/74 station name	NA 13	N N A A A	Ž	N	N A	ď.	AN	Z	N.	S.
Present station name	RR2B RR2A	WRIB WRIC WRIA	-RO	RR4T	RR3T	RR2T	WRIT	WRR4	WRL4	WR4T

Table 2. (Continued)

Description	Sellman Creek.	Cadle Creek channel.	Transect from CC Km O to CC Km 1.0.	In Bear Neck Creek Channel.	Transect from BN Km O to Bn Km 1.6.	In Whitemarsh Creek Channel.	Transect from WM Km O to WM Km 0.9.
Rhode River grid location	7470 - 50072	9398 - 3156 9590 - 3626 9494 - 4012	*	8651 - 4036 8337 - 4687 8265 - 5265	*	8385 - 4880 8795 - 4892 8988 - 4892	*
Axial designation (Km)	<i>ش</i> ،	0.0 0.0 0.0 0.5 0.1 0.0	- 0.0 0.0	BN 0.0 BN 0.8 BN 1.3	BN 0.0 -	MM 0.0 WM 0.45 WM 0.7	- 0.0 MW 0.9
Computer station code	98000	038.8 00039 039.2	00045	036.6 036.8 00037	00043	037.8 00038 038.2	00044
Comparative study names 7/74 - 7/75	Z S	NA CC MA	CCT	N N N N N N N N N N N N N N N N N N N	<u>-</u>	N W N	LWM
Pre 7/74 station name	SEL	\$ 0 \$	2	N N N N N N N N N N N N N N N N N N N	8	AM AN	Z Z
Present station name	SE	V 8000	ССТ	BNA BNB BNC	F	WMA WMC	

* See individual stations.

Table 2. (Continued)

Description	l mile east from S. River - W. River intersect marker.	Center of mouth of S. River (line from Saunders Point to Marshy Point).	Off inlet to Ramsey Lake (0.4 Km below SR7 channel marker).	0.3 Km downstream from SR10 channel marker.	Off entrance to Harness Creek (0.2 Km downstream from SR12 channel marker).	0.2 Km upstream from SR14 channel marker.	At SR16 channel marker.	At SR18 channel marker.	Between Sylvan Shores and Porter Point.	1.0 Km upstream from Beard's Point.
Rhode River grid location	NA	NA	NA	NA	NA	NA	NA	N	NA .	NA
Axial designation (Km)	NA	SR 0.0	SR 1.7	SR 3.3	SR 5.4	SR 7.1	SR 8.9	SR 10.4	SR 12.4	SR 13.7
Computer station code	00046	00047	00048	00049	09000	00051	00052	00053	00054	00055
Comparative study name 7/74 - 7/75	SRO	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9
Pre 7/74 station name	A ·	A	N		A A	A	X	Z		Z
Present station name	SRO	SR1	SR2	SR3	SR4	SR5 .	SR6	SR7	SR8	SR9

Table 2. (Continued)

Description	1.5 Km upstream from Beard's Point.	Transect from SRI to SR2.	Transect from SR2 to SR3.	Transect from SR3 to SR4.	Transect from SR4 to SR5.	Transect from SR5 to SR6.	Transect from SR6 to SR7.	Transect from SR7 to SR8.	Transect from SR8 to SR9.	Transect from SR9 to SR10	Transect from SR10 upstream to depth of 3 feet at MHW (approximately 1.4 Km).	Broad Creek channel.	Broad Creek transect.
Rhode River grid location	State of the state	en care	est of the company of	one yes	Z,	G.	Geo. enga duna		enge enge ence	C.	Section of the sectio	ලකුරව මෙල්ලා පොලුග ම්යාපා	esse esse fina
Axial designation (Km)	SR 14.7	S 0.0 AS	& .	SR 33 - 5.4	SR 5.4 - 7.1	SR 7.1 - 8.9	SR 8.9 - 10.4	SR 10,4 - 12,4	SR 12.4 - 13.7	SR 33.7 - 74.7	SR 14.7 - 16.4	BC 0.8	BC 0.0 - 2.0
Computer station code	95000	00057	00058	00059	09000	9000	00062	69000	00064	000065	99000	29000	89000
Comparative study names 7/74 - 7/75	SRTO	E	282	283	F	E S	SRGT	285	SR81	SR9T	SR 10	. .	5
Pre 7/74 station name	enge dem	Z.	2	T ₂		enga Mana	2		essential constant declares	V.		2	
Present station name	S. S	jees Cal	SR2T	23	SRAT	SRST	SR6T	SRZ	SR8T	SR9T	SRIOT	a	

Cross Comparison List of Watershed and Upland Stations. Table 3

Description	900' northeast of junction of North and Main forks of Muddy Creek.	Three tributaries join to form the fork of Muddy Creek. This weir is on the northernmost tributary.	Middle tributary of north fork of Muddy Creek at intersection with old Muddy Creek road.	Southernmost tributary of the north fork of Muddy Creek at the intersection with new Muddy Creek road.	Main branch of Muddy Creek at intersection with new Muddy Creek road (upstream of first large culvert south of Mill Swamp road).	On northern tributary of Sellman Creek.	The main (and southernmost) branch of Sellman Creek.
Rhode River grid location	5768 - 3793	5732 - 4317	5134 - 4098	4744 - 4268	5049 - 3159	7061 - 5878	6927 - 5829
Computer station code	66000	L0 L00	00102	00103	00004	00102	90100
Pre 1975 station name	Spring water	Weir 1 (North Branch)	Weir 2 (Blue Jay, Sharps)	Weir 3 (Williamson)	Surface station C4	Camp Run Weir	Sellman Creek Weir
Present station name	Spring house	Weir 1 (North Branch)	Weir 2 (Blue Jay Branch)	Weir 3 (Williamson Branch)	C4	Sellman Creek North Branch Weir	Sellman Creek South Branch Weir

Table 3. (Continued)

500' from mouth of the small stream feeding Fox Cove.	1,000' upstream of the mouth of Steinlein Creek.	Near the lower end of field- sized watershed composed of four corn fields. A branch of Steinlein Creek.	Field-sized watershed composed only of pasture. A subwater-shed of the North Branch of Muddy Creek.	Field-sized watershed composed of only forest. Drains directly into Muddy Creek estuary. Northern portion of intensive study site no. 2.	On the main (southern) fork of Muddy Creek just downstream of the last tributary about 600' downstream from Muddy Creek road.	Mouth of the sediment trap of Muddy Creek between Fox Point and northern end of Corn Island.
6610 - 3780	5951 - 2366	9861 - 8609	5840 - 4723	6025 - 3615	5195 - 3207	6927 - 3317
00100	00108	00100	01100	L 100	00121	00122
Fox Creek Weir	Steinlein Creek Weir	Z	N	N	Main Branch Flux section	Fox Point Flux section
Fox Creek Weir	Steinlein Creek Weir	Corn field watershed weir	Pasture watershed weir	Forest area weir	Main Branch of Muddy Creek Flux section	Fox Point Flux section
	Fox Creek Weir 00107 6610 - 3780 500' from mouth of stream feeding Fox	Creek Weir 00107 6610 - 3780 Alein Creek Steinlein Creek 00108 5951 - 2366	Creek Weir 60107 6610 - 3780 Alein Creek Steinlein Creek 5951 - 2366 Weir NA 00109 6098 - 1988 *shed weir NA 00109 6098 - 1988	Creek Weir Fox Creek Weir 00107 6610 - 3780 Alein Creek Steinlein Creek 00108 5951 - 2366 Field NA 00109 6098 - 1988 Shed weir NA 00110 5840 - 4723 Shed weir Shed weir NA 00110 5840 - 4723	Steek Weir Fox Creek Weir 00107 6610 - 3780 Alein Creek Steinlein Creek 00108 5951 - 2366 Weir NA 00109 6098 - 1988 Shed weir NA 00110 5840 - 4723 Stared weir NA 00111 6025 - 3615	Creek Weir Fox Creek Weir 00107 6610 - 3780 Alein Creek Steinlein Creek 00108 5951 - 2366 Field Weir NA 00109 6098 - 1988 Shed weir NA 00110 5840 - 4723 St area weir NA 00111 6025 - 3615 Branch Main Branch Iddy Creek Flux section Flux section 5195 - 3207

Table 3. (Continued)

Description	Mouth of Bear Neck Creek.	Mouth of Cadle Creek.	The southernmost tributary of the north branch of Muddy Creek downstream of where it passes beneath Old Muddy Creek Road.	Hog Island. Mature forest with only minimal disturbance historically (selective logging).	North branch of tidal Muddy Creek. Mature forest with only minimal disturbance historically.	Undisturbed for approximately 130 years, previously site of slave quarters and presettlement Indian villages.	Mature forest prior to approximately 1830 - 1840, was intensively cultivated for many years.
Rhode River grid location	8671 - 4293	9439 - 3171	5098 - 4037	6200 - 3000	6100 - 3500	6800 - 3800	5200 - 4300
Computer station code	00123	00124		0000	0005	0003	0000
Pre 1975 station name	Bear Neck Creek Flux Section	Cadle Creek Flux Section	Surface station C3	Forest ecology site #1	Forest ecology site #2	Forest ecology site #3	Forest ecology site #4 (also western triangle)
Present station name	Bear Neck Creek Flux Section	Cadle Creek Flux Section	C3 (obsolete) (003)	Intensive study site l	Intensive study site 2	Intensive study site 3	Intensive study site 4

Table 3. (Continued)

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Description	Young forest on lands used for cultivated crops prior to about 1940 - 1945.	Young forest on lands used for cultivated crops prior to about 1940 - 1945.	Young forest on lands used for mule pasture prior to about 1940.	Phalaris grass meadow used for pasture prior to about 1940.	Old field, abandoned on or about 1972.	Lawns located around buildings, in duck yard and along entrance road.	Old field, abandoned on or about 1968.	Mature forest on outer end of Fox Point. A residence was located there until recent times.
Rhode River grid location	6400 - 3400	6600 - 4000	5900 - 4000	5900 - 4400	0089 - 0089	6050 - 4150	5800 - 2500	6900 - 3450
Computer station code	00005	90000	00007	80000	60000	0000	11000	00012
Pre 1975 station name	Forest ecology site #5	Forest ecology site #6	Forest ecology site #7	Forest ecology site #8	Steven's farm field	CBCES lawns	Steinlein's farm field	Fox Point forest
Present station name	Intensive study site 5	Intensive study site 6	Intensive study site 7	Intensive study site 8	Intensive study site 9	Intensive study site 10	Intensive study site ll	Intensive study site 12

Table 3. (Continued)

Description	Field-sized watershed composed of four corn fields. A subwatershed of the Steinlein Creek basin.	Field-sized watershed composed only of cow pasture. A subwater-shed of the North Branch of Muddy Creek basin.	High marsh between Fox Point and dock.	High marsh between Hog Island and Fox Point.	High marsh on point east of Corn Island.	Low marsh on south shore near channel at mouth of Muddy Creek.	High marsh southwest of Corn Island	Freshwater swamp on North Branch of Muddy Creek just upstream of old entrance road.
Rhode River grid location	6400 - 1900	6100 - 4700	6500 - 3500	6200 - 3200	7300 - 3100	6100 - 2800	6800 - 2800	5700 - 4200
Computer station code	00014	00015	91000	00017	81000	61000	00050	00021
Pre 1975 station name	N	Kirkpatrick- howat's pasture	Fox Cove marsh	Hog Island marsh	Nixon's Nose	Track site	Kirkpatrick marsh	North Branch Swamp
Present station name	Intensive study site 14	Intensive study site 15	Intensive study site 16	Intensive study site 17	Intensive study site 18	Intensive study site 19	Intensive study site 20	Intensive study site 21

Table 3. (Continued)

Present station name	Pre 1975 station name	Computer station code	Rhode River grid location	Description
Intensive study site 22	e e	00022	5900 - 2200	Freshwater swamp on Steinlein Creek upstream of weir.
Intensive study site 23	W.	00023	5900 - 4200	Pine forest on water tower hill west of center.
Intensive study site 24	Z	00024	6400 - 3600	Pine forest east of Fox Point road.

Table 4. Principal Investigator Code List

Investigator	<u>Affiliation</u>	Code
Dr. Rita Colwell	Department of Microbiology University of Maryland College Park, Maryland 20742	001
Dr. David L. Correll	Chesapeake Bay Center for Environmental Studies*	002
Mr. Robert Cory	Oceanographer U. S. Geological Survey, Chesapeake Bay Center for Environmental Studies*	003
Dr. Bert G. Drake	Radiation Biology Laboratory Smithsonian Institution 12441 Parklawn Drive Rockville, Maryland	004
Dr. John H. Falk	Chesapeake Bay Center for Environmental Studies*	005
Dr. Maria A. Faust	Chesapeake Bay Center for Environmental Studies*	006
Dr. W. Ronald Heyer	Department of Vertebrate Zoology Museum of Natural History Smithsonian Institution Washington, D. C. 20560	007
Mr. Daniel Higman	Chesapeake Bay Center for Environmental Studies*	800
Dr. James F. Lynch	Chesapeake Bay Center for Environmental Studies*	009
Ms. Irene Magyar	Department of Zoology University of Maryland College Park, Maryland 20742	010
Mr. Albert D. Maizels	Suite 304, Columbia Medical Bldg. 1835 Eye Street, N. W. Washington, D. C. 20006	011
Ms. Patricia Melhop	Chesapeake Bay Center for Environmental Studies*	012

Table 4. (Continued)

Investigator	Affiliation	Code
Dr. Jack W. Pierce	Sedimentology Department Museum of Natural History Smithsonian Institution Washington, D. C. 20560	013
Dr. Edward J. Pluhowski	U. S. Geological Survey Northeastern Region National Center, Mail Stop #43 Reston, Virginia 22092	014
Mr. Jan Reese	Box 298 St. Michaels, Maryland 21663	015
Mr. Robert Rybczynski	Division of Biological Sciences Neurobiology and Behavior Langmuir Laboratory Cornell University Ithica, New York 14850	016
Dr. Raymond T. Rye	Department of Paleobiology Museum of Natural History Smithsonian Institution Washington, D. C. 20560	017
Dr. Howard H. Seliger	Department of Biology Johns Hopkins University 34th and North Charles Street Baltimore, Maryland 21218	018
Dr. William J. L. Sladen	School of Hygiene and Public Health Johns Hopkins University 615 N. Wolfe Street Baltimore, Maryland 21205	019
Dr. Eugene B. Small	Department of Zoology University of Maryland College Park, Maryland 20742	020
Dr. J. Kevin Sullivan	Chesapeake Bay Center for Environmental Studies*	021
Dr. Theodore W. Suman	Anne Arundel Community College Arnold, Maryland	022
Ms. Marilyn Taub	Department of Zoology University of Maryland College Park, Maryland 20742	023

Table 4. (Continued)

Investigator	<u>Affiliation</u>	Code
Mr. Robert F. Van Dolah	Department of Zoology University of Maryland College Park, Maryland 20742	024
Dr. Ronald Weiner	Department of Microbiology University of Maryland College Park, Maryland 20742	025
Dr. Tung-Lin Wu	Chesapeake Bay Center for Environmental Studies*	026

^{*} Chesapeake Bay Center for Environmental Studies Smithsonian Institution Route 4, Box 622 Edgewater, Maryland 21037

Table 5. Research Funding Codes

Source	Code
Chesapeake Bay Center direct federal funding	001
Smithsonian Institution Environmental Sciences Program	002
Smithsonian Research Foundation	003
Smithsonian Fluid Research Fund	004
National Science Foundation	005

Table 6. Analytical Techniques Code List

Parameter and Units	- <u>Technique</u>	Code
Flow rate (liters/sec.)	Monitor depth in stilling well of water backed up by sharp-crested V-notch weir (Correll, Pierce and Faust, 1975).	031
Flow rate (liters/sec.)	Monitor tidal current velocity with electromagnetic current meters. Correct for cross-sectional areas with tide gauge-operated cam and potentiometer.	032
Total flow (liters)	Flow rate integrated over time.	033
Water temperature (degrees C)	Mercury thermometer	034
Water temperature (degrees C)	Thermistor	035
рН	Indicator dyes and color comparator	036
рН	Hydrogen electrode	037
Turbidity (Jackson units)	Scattering of columnated white light with Hach turbidimeter.	038
Turbidity (meters)	Secci disc	039
Turbidity (% transmission)	Transmission of white light.	040
Turbidity (% transmission)	Transmission of green light.	041
Light penetration (absorbance)	Measurement of vertical absorbance of incident sunlight in water column.	042
Total and mineral suspended particulates (mg/liter)	Gravimetric on millipore HA filters before and after firing organics (Correll, Pierce and Faust, 1975).	043

Table 6. (Continued)

Parameter and Units	Technique	Code
Total N (µg N/liter)	Sum of organic plus ammonia N (by Kjeldahl) and nitrate plus nitrite N by reduction to nitrite and colorimetry (Correll, Pierce and Faust, 1975).	044
Organic N (including NH ₃ (µg N/liter)	Kjeldahl distillation and nesslerization after digestion with $\rm H_2SO_4$.	045
Ammonia N (µg N/liter)	Oxidation to nitrite and colorimetry.	046
Nitrite + Nitrate N (µg N/liter)	Reduction to nitrite and colorimetry.	047
Nitrite N (µg N/liter)	Colorimetry (by reaction with a diazo dye).	048
Total P (µg P/liter)	Digestion with perchloric acid and colorimetry (ammonium molybdate and stannous chloride reduction.	049
Dissolved total P (µg P/liter)	Total P on millipore HA filtrate.	050
Inorganic P (µg P/liter)	Colorimetry on whole water with no digestion.	
Dissolved inorganic P (µg P/liter)	Colorimetry on millipore HA filtrate with no digestion.	
Total organic matter (g cal./liter)	Wet digestion with chromic acid and titration.	051
Cations (Ni, Cu, Zn, Pb, Cr, Cd, Mn, Fe, K, Ca, Mg)	500 ml sample plus 5 ml concentrate. HNO ₃ concentrated to 10 ml by boiling. Assayed by atomic absorption with internal standards.	052
Total and fecal coliform bacteria (MPN/100 ml)	As described in Standard Methods (1971).	053

Table 6. (Continued)

Parameter and Units	<u>Technique</u>	Code
Total and fecal streptococci (#/100 ml)	As described in Standard Methods (1971) and by Millipore Corp. membrane filter technique.	054
Salmonella (#/100 ml)	As described in Standard Methods (1971) and confirmation including serotyping.	055
Total viable heterotrophs (#/ml)	Standard plate counts.	056
Salinity and conductivity (%/mmhos)	Normally determined with an induction type salinometer. Sometimes by titration of halogen ions.	057
Organic carbon (mg c/liter)	Combustion at 550^{0} for 10° purification and weighing of released $C0_{2}$.	058
Dissolved oxygen (mg/liter)	Clark-type oxygen electrode or by modified Winkler titration.	059
Chlorophyll a (µg/liter)	Fluorometric assay of 90% acetone extracts by three filter methods before and after acidification (Loftus and Carpenter, 1971).	
Adult and nauplii copepods, rotifers, polychaetes, other macrozooplankton, tintinnids, other microzooplankton	Identified and counted under the microscope with aid of a Sedwick-rafter cell. Fixed in field with Bouin's fixative.	061
Leaf litter parameters	Collected in 1 m ² boxes, sorted to species, dried 24 hours at 60°, weighed and area measured with a CdS diode leaf area meter.	062

Table 6. (Continued)

Parameter and Units	Technique	Code
Small mammal populations	Animals are trapped with a grid of 100 Sherman live traps at each site, left permanently in place. Mammals are trapped for three nights per month at each site. Animals are identified, permanently marked for future recognition, weighed, sexed, and their reproductive condition noted. Minimal population densities are estimated from the ratio of trapped animals which previously have been captured and marked: number of unmarked animals.	
Ant populations	Sweep sampling, litter sampling, baiting, soil coring and general collecting of ants; observation of behavior; monitoring of temperature and humidity in air and soil; mapping of colony location, cover objects, vegetation. Study sites to be marked with painted sections of conduits and small plastic surveyor's flags. Humidity sensors and thermistor probes to be implanted in soil on a long-term basis; possibility of multiplex data recorder to be operated at one or more sites on a long-term basis.	
Understory arthropods	Monthly sweep samples of understory arthropods; arthropods later sorted to species, measured, and assigned to trophic grouping. Foliage density measured seasonally.	065
Leaf litter arthropods	Sampling. Leaf litter is removed from within a 1/10 sq. meter sampling frame from each of 10 subsite sampling stations at each site (total of 1 sq. meter of leaf litter per site per month). The litter is collected in plastic bags. The subsite sampling stations for each of the three major sites are determined from a computer generated table of random numbers.	066

Table 6. (Continued)

Parameters and Units	Technique	Code
Leaf litter arthropods	The organisms are extracted from the leaf litter into alcohol through the use of Berlese funnels. Leaf litter from each subsample site is placed into one funnel (a total of 10 funnels for each of the three sites). Incandescent light bulbs (40 - 60 watts) are used for drying the leaf litter. The alcohol jars containing the arthropods are removed from the funnels at the end of a three week period.	066
	The arthropods are sorted and studied under a stereo dissecting microscope. This part of the project is done at Anne Arundel Community College.	
Lawn project	A combination of lawn clipping collection, sweep sampling, soil coring, and vacuum sampling are used. Invertebrates sorted by species.	067
Squirrel populations	Intensive live trapping at each site was conducted following prebaiting unset traps for a week. Trapped animals were ear tagged and tail clipped for field siting. (Flyger, 1959).	068

References for Technique Codes

- Correll, D. L.; Pierce, J. W.; and Faust, M. A. (1975). A quantitative study of the nutrient sediment, and coliform bacterial constituents of water runoff from the Rhode River watershed. In: Non-Point Sources of Water Pollution, Proc. Southeastern Regional Conf., Blacksburg, Va. Publ. by Virginia Water Resources Research Center.
- Flyger, V. F. (1959). A comparison of methods for estimating squirrel populations. J. Wildlife Management 23: 220-223.
- Loftus, M. E. and Carpenter, J. H. (1971). A fluorometric method for determining chlorophylls a, b, and c. J. Marine Res. 29: 319-338.
- Standard Methods for the Examination of Water and Waste Water, 13th Ed. (1971). American Public Health Assoc., New York.

Table 7. Parameters measured in Estuarine Work.

XX.XX
Format:
210
Category:

Station	Time span	Time frequency	Sample type	Technique code	Technique Investigator code code	Funding code	File
C2	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	900	RHO
90	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	900	RHO
C7	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	900	RHO
83	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	002	RHO
60	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB		002 & 018	002	RHO

Table 7. (Continued)

Category: 210 Format: XX.XX

Station	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
RR4C	Aug Dec.	Twice a week	GRB	057	002 & 018	900	RHO
RR4B	Aug Dec.	Once a week	GRB	. 057	002 & 018	005	RHO
RR4A	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	057	002 & 018	900	RHO
RR3B	Aug Dec.	Once a week	GRB	057	002 & 018	900	RHO
RR3A	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB		002 & 018	900	RHO
RR2B	Aug Dec.	Once a week	889	057	002 & 018	900	RHO
RRZA	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	250	002 & 018	900	RHO
WR1A	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	. 057	002 & 018		RHO

Table 7. (Continued)

Category: 210 Format: XX.XX

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
WRIB	Aug Dec.	Once a week	GRB	250	002 & 018	900	RHO
WR1C	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	057	002 & 018	900	RHO
WRO	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	057	002 & 018	900	RHO
SE	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	900	RHO
CCA	Aug Dec.	Once a week	GRB	057	002 & 018	900	RHO
goo	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	900	RHO
222	Aug Dec.	Once a week	GRB	057	002 & 018	002	RHO

Table 7. (Continued)

Category: 210 Format: XX.XX

Station name	Time	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	E G
BNA	Aug.	Aug Dec.	Once a week	GRB	057	002 & 018	000	R
BNB	Aug	- Dec.	Once a week	GRB	057	002 & 018	900	RHO
BNC	Jan.	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	002	КНО
	Aug.	Aug Dec.	Once a week	GRB	057	002 & 018	900	9
MMB	Jan	- Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	,	КНО
	Aug.	Aug Dec.	Once a week	GRB	057	002 & 018	900	2

Table 7. (Continued)

Category: 210 Format: XX.XX

			9				3 9 2 1	ů. L
ame constant	1	Span	frequency	type	200	Code	Code	
S S S S S S S S S S S S S S S S S S S	e e e	S	Once every two weeks	678 87	057	002 & 018	500	Ş
SSS	5	> = = =	Once every two weeks	<u>a</u>	057	002 & 018	9	3
SR8	ç ç	S	Once every two weeks	8	057	002 & 018	005	200
SR7	ر م د	Services	Once every two weeks	9 9 9	057	002 & 018	002	905
SR6	- 0	A Can	Once every two weeks	9 8 8	057	002 & 018	005	3
S S	ë		Once every two weeks	gRB B	057	002 & 018	900	3
SR4	5 5	2 5 5	Once every two weeks	9	057	002 & 018	992	200
SR3	ر ر ر		Once every two weeks	8	057	002 % 018	902	3
SR2	ر س س	V III	Once every two weeks	GRB	027	002 % 018	002	3
gacus CX V)	Ė		Once every two weeks	989	057	002 & 018	92	S
SRO	e e		Once every two weeks	8	057	002 & 018	900	3
28	с С	- July V	Once every two weeks	8	<u>S</u>	002 & 018	002	Sol

Table 7. (Continued)

Category: 211 Format: XX.XX

Conductivity (mmhos)

RHO	240	RHO	RHO	RHO	RHO	RHO	RHO
. 500		900	905	900	900	900	900
002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
057	057	250	057	250	057		250
GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB
Twice a week	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; . twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.
Aug Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Jan Dec.
RR4C	RR4B	RR4A	RR3B	RR3A	RR2B	RRZA	WR1A
	Aug Dec. Twice a week GRB 057 002 & 018 005	Aug Dec. Twice a week GRB 057 002 & 018 005 Aug Dec. Once a week GRB 057 002 & 018 005	Aug Dec. Twice a week GRB 057 002 & 018 005 · Aug Dec. Once every two weeks GRB 057 002 & 018 005 · from Jan July; twice a week from Aug Dec.	Aug Dec. Twice a week GRB 057 002 & 018 005 Jan Dec. Once every two weeks from ftwice a week from Aug Dec. GRB 057 002 & 018 005 Aug Dec. Once a week from Aug Dec. GRB 057 002 & 018 005	Aug Dec. Twice a week GRB 057 002 & 018 005 . Jan Dec. Once every two weeks from Aug Dec. GRB 057 002 & 018 005 . Aug Dec. Once a week from Aug Dec. GRB 057 002 & 018 005 Jan Dec. Once every two weeks from from Jan July; twice a week from Aug Dec. GRB 057 002 & 018 005	Aug Dec. Twice a week GRB 057 002 & 018 005 Jan Dec. Once every two weeks from Jan July; twice a week from Jan Dec. GRB 057 002 & 018 005 Aug Dec. Once every two weeks from Jan July; twice a week from Jan July; twice a week from Jan July; twice a week from Aug Dec. GRB 057 002 & 018 005 Aug Dec. Once a week from Aug Dec. GRB 057 002 & 018 005	Aug Dec. Twice a week GRB 057 002 & 018 005 Jan Dec. Once a week from Jan July; twice a week from Aug Dec. GRB 057 002 & 018 005 Jan Dec. Once every two weeks from Jan July; twice a week from Aug Dec. GRB 057 002 & 018 005 Aug Dec. Once every two weeks from Aug Dec. GRB 057 002 & 018 005 Aug Dec. Once every two weeks from Aug Dec. GRB 057 002 & 018 005 Jan Dec. Once every two weeks from Aug Dec. GRB 057 002 & 018 005 Jan Dec. Once every two weeks from Aug July; twice a week from Aug Dec. 005 & 018 005 005

Table 7. (Continued)

Category: 211 Format: XX.XX

Conductivity (mmhos)

Statton name on	Time span	Time frequency	Sample type	Technique code	Investigator	Funding	- C
	Aug Dec.	Once a week	GRB	057	002 & 018	92	- 2
R C	Jan Dec	Once every two weeks from Jan July; twice a week from Aug Dec.	G B	057	002 & 018	002	SH2
Z S S	Jan Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GR B	057	002 & 018	002	RHO
533	Aug Dec.	Once a week	8	027	002 & 018	8	C X
CCB	Jan. – Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	G B	057	002 & 018	000	HZ O
33	Aug Dec.	Once a week	245	750	002 & 018	000	S
5	Aug Dec.	Once a week	80	250	002 & 018	005	Q CX
BNB	Aug Dec.	Once a week	9 9 9	057	002 & 018	002	9

Table 7. (Continued)

Category: 211 Format: XX.XX

Conductivity (mmhos)

tation	ime span	Time frequency	Sample	Technique code	Investigator	Funding	2
O N N	Jan. – Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	900	AH OH
	Aug Dec.	Once a week	9	S	002 & 018	500	2
A ·	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	057	002 & 018	900	9
	Aug Dec.	Once a week	0 8 9	C	002 & 018	500	9

Table 7. (Continued)

Category: 211 Format: XX.XX

Conductivity (mmhos)

ng File ID	200	200	200	200	Nos	200	nos	200	nos	200	nos	Sou
Funding code	002	900	900	005	002	002	002	002	900	900	900	002
Investigator code	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
Technique code	057	057	057	057	057	057	057	057	057	057	057	057
Sample type	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB
Time Frequency	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks
Time span	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July
Station name	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	SR9	SR8	SR7	SR6	SR5	SR4	SR3	SR2	SRI	SRO	ВС

Table 7. (Continued)

Category: 212 Format: XX.XX

Temperature (°C)

20	8 9	2	SHO O	RHO	Q
	ordine Call	adem Calles	entreme Calific	errings (Page) (malous	2
Funding	,	900		900	. 500
Investigator	000	005	000	000	005
Technique	032	032	032	035	032
Sample type	98. 98.	GRB	GRB	GRB	6RB
Time frequency	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan Dec. twice a week from Aug Dec.
Time span	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	S	9	73	83	5

Table 7. (Continued)

Category: 212 Format: XX.XX

Temperature $(^{0}$ C)

File	RHO	RHO	RHO	RH20	RHO	RHO	RHO	RHO
	0 2	œ	☆	œ	~	~	∝	6 4
Funding	002	900	900	900	900	900	900	900
Investigator code	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
Technique code	035	035	035	035	035	035	035	035
Sample type	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB
Time frequency	Twice a week	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.
Time span	Aug Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Jan Dec.
Station	RR4C	RR4B	RR4A	RR3B	RR3A	RR2B	RR2A	WR1A

Table 7. (Continued)

Category: 212 Format: XX.XX

Temperature $(^0$ C)

File	SHO OHO	RHO	RHO	RHO	RHO	RHO	E
Funding	9	900	900	900	900	900	002
Investigator code	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018	002 & 018
Technique code	035	035		035	035	035	035
Sample type	GRB	GRB	GRB	GRB	GRB	GRB	GRB
Time frequency	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week
Time span	Aug Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Aug Dec.
Station	WRIB	WRJC	WRO	SEL	ССА	CCB	222

Table 7. (Continued)

Category: 212 Format: XX.XX

Temperature $(^0$ C)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
BNA	Aug Dec.	Once a week	GRB	035	002 & 018	005	RHO
BNB	Aug Dec.	Once a week	GRB	035	002 & 018	900	SH3
BNC	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	035	002 & 018	,	RHO
WMA	Aug Dec.	Once a week	GRB	035	002 & 018	900	SH2
WMB	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	035	002 & 018	005	RHO
S	Aug Dec.	Once a week	GRB	035	002 & 018	002	SH2

Table 7. (Continued)

Category: 212 Format: XX.XX

Temperature $(^0$ C)

Station name	Time	Time span	Time frequency	Sample	Technique code	Investigator code	Funding	E a
SR10	Jan.	Jan July	Once every two weeks	GRB	035	002 & 018	000	205
SR9	, and a	- July	Once every two weeks	GRB	035	002 & 018	005	sou
SR8	e e e	- July	Once every two weeks	GRB	035	002 & 018	005	200
SR7	Jan.	- July	Once every two weeks	GRB	035	002 & 018	900	200
SR6	Jan.	- July	Once every two weeks	GRB	035	002 & 018	900	nos
SR5	Jan.	- July	Once every two weeks	GRB	035	002 & 018	900	SOU
SR4	Jan.	- July	Once every two weeks	GRB	035	002 & 018	005	200
SR3	Jan.	- July	Once every two weeks	GRB	035	002 & 018	900	200
SR2	Jan.	- July	Once every two weeks	GRB	035	002 & 018	900	200
SR1	Jan.	- July	Once every two weeks	GRB	035	002 & 018	900	200
SRO	Jan.	- July	Once every two weeks	GRB	035	002 & 018	900	SOU
ВС	Jan.	- մայչ	Once every two weeks	GRB	035	002 & 018	900	200

Table 7. (Continued)

Category: 213 Format: XX.X

endum endum

Funding File code ID	005 RH0	005 RHO	005 RHO	. RH0	005 RH0
Investigator	005	005	005	005	005
Technique code	036	036	036	036	039
Sample type	GRB	<u>а</u> С	GRB	GRB	8
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from
Time span	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	C2	99	22	80	60

Table 7. (Continued)

Category: 213 Format: XX.X

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Station name	Time	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
RR4B	Aug.	Aug Dec.	Once a week	GRB	980	005	900	REC
RRAA	- - - -	עושה -	Once every two weeks	GRB GRB	036	002	900	2
RR3B	Aug.	- Dec.	Once a week	GRB	980	005	900	RHO
RR3A	Jan.	- July	Once every two weeks	GRB	036	005	900	RHO
RR2B	Aug.	- Dec.	Once a week	GRB	036	002	900	RHO
RRZA	ر م د د	July	Once every two weeks	8 89	980	005	900	SE C
WRIB	Aug.	- Dec.	Once a week	GRB	980	002	900	RHO
WRIA	Jan.	- July	Once every two weeks	GRB	980	002	900	RHO
WRIC	Jan.	- ժայ	Once every two weeks	GRB	980	005	900	RHO
wro	Jan.	- Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	036	005	900	RHO
WRO (bottom)	Jan.	Jan Dec.	Once every week from from Jan July; once every week from Aug Dec.	GRB	036	005	900	RHO

Table 7. (Continued)

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Category: 213 Format: XX.X

T.

Station	Time span	Time frequency	Sample type	Technique code	Investigator Funding code code	Funding	
RR41	Jan. – Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	grows James capes cubes	. 036	005	0 5 5	RHO
RR3T	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Jacous Jacous Jacous Garbar Garbar	036	005	002	& 0
RR2T	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Face on the state of the state	036	005	900	RHO
Z Z	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Jacon Jacol esper culso	036	002	000	SHOOT STATE OF THE
SE	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	980	002	9002	2

Table 7. (Continued)

Category: 213 Format: XX.X

T.

File	<u>©</u>	0	0	0	0	0	0
المحمد حصوه	REG	RHO	RHO	RHO	RHO	8	RHO
Funding	002	900	002	900	900	900	900
Investigator code	005	005	005	005	005	005	005
Technique code	036	. 036	036	036	036	980	036
Sample type	GRB	Journ James comments	GRB	GRB	HI	GRB	Jacon Ja Ja Ja Ja Ja Ja Ja Ja Ja Ja Ja Ja Ja
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.	Jan Dec.	Aug Dec.	Jan July	Jan Dec.	Jan Dec.	Jan Dec.
Station	CCB	ССТ	BNB	BNC	BNT	MMB	ИМТ

Table 7. (Continued)

Category: 213 Format: XX.X

T

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
SRIO	Jan July	Once every two weeks	GRB	036	002	900	Sou
SR9	Jan July	Once every two weeks	GRB	036	005	900	SOU
SR8	Jan July	Once every two weeks	GRB	036	005	900	SOU
SR7	Jan July	Once every two weeks	9KB	036	005	002	Sou
SR6	Jan July	Once every two weeks	GRB	036	005	900	SOU
SR5	Jan July	Once every two weeks	GRB	036	005	900	nos
SR4	Jan July	Once every two weeks	GRB	980.	005	900	Sou
SR3	Jan July	Once every two weeks	GRB	036	002	900	SOE
SR2	Jan July	Once every two weeks	GRB	980	005	900	SOU
SRI	Jan July	Once every two weeks	GRB	980	005	002	SOU
BC	Jan July	Once every two weeks	GRB	036	002	002	200

Table 7. (Continued)

Category: 213 Format: XX.X

T O.

Station name	Time span	Time frequency	Sample	Technique code	Investigator code	Funding	0 0
5	Jan July	Once every two weeks	Security Control of the Control of t	930	200	902	. 3
283	Jan July	Once every two weeks	función (ment) corposi moderno	98	700	902	300
8	Janmeb	Once every two weeks	learning automotives on the contract of the co	036	700	8	200
5	Jan July	Once every two weeks	fraced grapes andres	036	9	9	BS
286	Jan July	Once every two weeks	Jaconson Jestico) conperts conference	036	005	8	ē,
r F	San.	Once every two weeks	genicar person conyect contents	036	005	Ş	700
SR4T	Jan - July	Once every two weeks	frances process congress conferes	036	005	000	3 000
£83	Jan July	Once every two weeks	Species on the species of the specie	036	005	8	200
225	Jan July	Once every two weeks	guarano passori attenna endrano	980	005	9	3
E S	Jan July	Once every two weeks	juncos juncos carpus carpus	036	005	S S S	300
	Jan July	Once every two weeks	Emission (mount) company contany	036	005	902	30.

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

File	RHO	RHO	A CHA	RHO	R
Funding code	900	900	900		002
Technique Investigator code code	005	005	005	005	002
Technique code	038	038	038	038	038
Sample type	GRB	GRB	GRB	GRB	GRB
Time · frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.				
Station	CS	93	C7	83	63

Table 7. (Continued)

Category: 220 Format: XXX

,	
	units)
i I	(Jackson
	Turbidity

ing File	REC	RHO	RHO	RHO	RHO	RHO	RHO
r Funding code	900	002	002	002	900	002	002
Investigator code	005	005	005	005	005	005	005
Technique code	038	038	038	038	038	038	. 038
Sample type	GRB	GRB	GRB	GRB	GRB	GRB	GRB
Time frequency	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Jan Dec.
Station	RR4B	RR4A	RR3B	RR3A	RR2B	RR2A	WRJC

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

Station		i me	Sample	Technique	Investigator	Funding	۳. ص
name	Time span	frequency	type	code	code	code	ID
8	Aug Dec.	Once a week	GRB	038	005	900	SH2O
WR1A	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	038	005	900	RHO ,
WRO	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	038	005	900	RHO
WRO (bottom)	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	038	005	900	RHO .
RR4T	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	jem jeod este	038	005	900	RHO

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

. 1	Time span	Time frequency	Sample type	Technique code	Investigator Funding code code	Funding	File
-	Jan Nec.	Once every two weeks from Jan July; once every week from Aug Dec.	H	038	002	900	RHO
-	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Browner Browner stripme carbon	038	005	900	RHO
-	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	forma Joseph Grapa Goldan	038	005	900	SHO .
~	Jan. – Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	038	005	900	RHO
-	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	038	005	900	RHO

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

File	RHO	RHO		RHO	RHO	RHO
Funding code	9002	900			500	500
Investigator code	000	005		005	005	005
Technique code	038	038		038	038	038
Sample type	H	GRB	GRB	H	GRB	TIH
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.	Aug Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	D	BNB	BNC	E N N	MW	1 W

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

tation	i i	Š	g G	Time		Sample	Technique	Investigator	Funding	<u>.</u> = =
name	line span	an		Lednelicy		cyle	כפפ	200	כמתכ	2
SR10	Jan July	July	Once every		two weeks	GRB	038	000	. 002	200
SR9	Jan July	July	Once every		two weeks	GRB	038	005	900	Sou
SR8	Jan July	July	Once every	-	two weeks	GRB	038	005	900	Sou
SR7	Jan	July	Once every	two	weeks	GRB	038	005	900	200
SR6	Jan July	July	Once every		two weeks	GRB	038	005	900	200
SR5	Jan.	July	Once every	two	weeks	GRB	038	005	9002	200
SR4	Jan July	July	Once every	two	weeks	388	038	005	900	200
SR3	Jan July	July	Once every	-	two weeks	989	038	005	900	Sou
SR2	Jan July	July	Once every	two	weeks	GRB	038	005	9002	soù
SRI	Jan July	July	Once every		two weeks	GRB	038	005	005	200

Table 7. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	Fi e
SR10T	Jan July	Once every two weeks	jenoro jeninj major majora	038	002	005	205
SR9T	Jan July	Once every two weeks	janone janone) conpus conpus conpus	038	005	900	SOU
SR8T	Jan July	Once every two weeks	jama jama sapas sapas	038	005	900	200
SR7T	Jan July	Once every two weeks	James de la companya	038	005	900	705
SR6T	Jan July	Once every two weeks	James James mysee datas	038	005	900	Sou
SR5T	Jan July	Once every two weeks	H	038	005	900	S0U
SR4T	Jan July	Once every two weeks		038	005	900	200
SR3T	Jan July	Once every two weeks	jess jessi Jessi	038	005	900	SOU
SR2T	Jan July	Once every two weeks	Jacobs Jacobs Jacobs Jacobs Jacobs	038	005	900	800
SRIT	Jan July	Once every two weeks	jemen Jeneralj empisi emban	038	005	0002	Sou
BCT	Jan July	Once every two weeks	j	038	005	500	SOU

Table 7. (Continued)

Category: 221 Format: XXXX Light attenuation (m^{-1})

Station name	<u>=</u>	Time span	Time frequency	ie iency	Sample type	Technique code	Investigator code	Funding	Fi e
RR4A	Jan.	Jan July	Once every two weeks	two weeks	GRB	042	8 0	005	RE
RR3A	Jan.	Jan July	Once every	two weeks	. GRB	042	018	002	RHO
RR2A	Jan.	المال -	Once every	two weeks	GRB	042	018	005	<u>R</u>
E S	da E	vino -	Once every	two weeks	GRB	042	810	002	RHO
MRIA	٠ ٣	- July	Once every	two weeks	GRB	042	810	002	RHO
WRO	Jan	250	Once every	two weeks	GRB	042	018	002	860
SEL	e e e	Jan July	Once every	two weeks	GRB	042	018	002	RHO
800	Jan.	Jan July	Once every	two weeks	GRB	042	018	002	SH2
BNC	Jan	- July	Once every	two weeks	GRB	042	018	005	RHO
WMB	Jan.	Jan July	Once every two weeks	two weeks	GRB	042	018	005	RH0

Table 7. (Continued)

Category: 221 Format: XXXX

Light attenuation (m⁻¹)

File	200	SOU	SOU	Sou	SOU	NOS	Sou	200	200	200	SOU
Funding	900	900	900	900	900	900	900	900	900	500	002
Investigator code	018	018	018	018	018	018	018	018	018	018	018
Technique code	042	042	042	042	042	042	042	042	042	042	042
Sample	GRB										
Time frequency	Once every two weeks										
Time span	Jan July										
Station	SR10	SR9	SR8	SR7	SR6	SR5	SR4	SR3	SR2	SRI	ВС

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite ($\mu g/liter$) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

Station name	Time span	Dan	Time frequency	Sample type	Technique code	Investigator	Funding	File
52	dan.	Dec.	Once every two weeks from Jan July; once every week from Jang Dec.	GRB	046,047,048	002	900	RHO
90	Jan	Dec	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	046,047,048	005	900	RHO
C7	Jan Dec.		Once every two weeks from Jan July; once every week Aug Dec.	GRB	046,047,048	005	900	RHO
83	Jan	Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	3 48	046,047,048	005	900	RHO .
63	Jan	Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	046,047,048	002	900	ВНО

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite ($\mu g/liter$) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

File	RHO	RHO	5	RHO	RHO	RH0	RH0	RHO	RHO	SE 2	RHO
	tembaga di	I mirýcop	kering.	tecimo	tolina	<u> </u>	tealere	broken	Residents	lui na	tapino
Funding	002	002	002	900	900	900	005	002	900	900	900
Investigator code	005	005	005	005	005	005	005	005	005	005	005
Technique code	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048
Sample type	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	GRB	HI
Time frequency	Once a week	Once every two weeks	Once a week	Once every two weeks	Once a week	Once every two weeks	Once a week	Once every two weeks	Once every two weeks	Once a week	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Aug Dec.	Jan July	Aug Dec.	Jan July	Aug Dec.	Jan July	Aug Dec.	Jan July	Jan July	Aug Dec.	Jan Dec.
Station	RR4B	RR4A	R. 38	RR3A	RR2B	RR2A	8 8 8	WRIA	WEIC	WRO	RR4T

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite (µg/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

Station name	Time span	span	Time frequency	Sample type	Technique code	Investigator	Funding code	<u> </u>
RR3T	Jan.	- Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	j-com j-comj rajen calen	046,047,048	005	002	RHO
RR2T	Jan	- Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	jeens Jeens Jeens Jeens	046,047,048	005	900	RHO
WRIT	е (С (С)	- Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	percents (accord) surprise surbase	046,047,048	005	002	RHO
SEL	Jan.	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	046,047,048	002	, 500	RHO
822	Jan.	Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	046,047,048	002	500	RHO
BNB	Aug.	- Dec.	Once a week	GRB	046,047,048	005	900	RHO

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite ($\mu g/liter$) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

or Funding File code ID	005 RHO	005 RH0	005 RH0	005 RH0	005 RH0
Investigator	005	005	005	005	.002
Technique code	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048
Sample	88	GRB	HI	<u> </u>	H
Time frequency	Once every two weeks	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from
Time span	Jan July	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	BNC	MWB	ССТ	BNT	TWM

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite ($\mu g/l$ iter) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

Station name	Time span	Time frequency		Sample type	Technique code	Investigator code	Funding code	File
SR10	Jan July	Once every two	two weeks	GRB	046,047,048	005	900	200
SR9	Jan July	Once every two	two weeks	9	046,047,048	005	900	205
SR8	Jan July	Once every two	two weeks	GRB	046,047,048	005	900	Sou
SR7	Jan July	Once every two	weeks	GRB	046,047,048	005	002	son
SR6	Jan July	Once every two	weeks	GRB	046,047,048	005	900	200
SR5	Jan July	Once every two	week S S	89	046,047,048	005	900	nos
SR4	Jan July	Once every two	weeks	GRB	046,047,048	005	902	200
SR3	Jan July	Once every two	weeks	GRB	046,047,048	005	900	800
SR2	Jan July	Once every two	weeks	GRB	046,047,048	005	900	800
SR1	Jan July	Once every two	weeks	GRB	046,047,048	005	900	200
BC	Jan July	Once every two	weeks	GRB	046,047,048	005	900	200

Table 7. (Continued)

Nitrate + nitrite, ammonia + amino acid, Kjeldahl nitrogen, nitrite (µg/liter) Format: . X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

ا بم											
File	200	200	200	200	Sou	SOU	200	200	200	200	200
Funding	900	900	900	902	900	900	002	900	900	900	900
Investigator code	005	005	005	005	005	002	005	005	005	005	002
Technique code	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048	046,047,048
Sample type	jacos jacos acces acces	Journal Journal Maryana Markan	Janeary Janeary may co carbony		H	james James James James	forms forms ourse ourse	James James James James James James	jeso jesoj sala	formed formed copes coduce	H
Time frequency	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks
Time span	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July
Station	SPIO	SR9T	SR8T	SR7T	SR6T	SR5T	SRA-	SR3T	SR2T	E C	BCT

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

ا ه				_	_
File	RHO	RHO	R	\$	RHO
Funding	900	900	900	900	900
Investigator	005	005	005	005	005
Technique code	049	049	049	049	049
Sample type	GRB	GRB	GRB	GRB	GRB
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station		93	<i>C</i> 2	83	63

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

tation	Time span	Time frequency	Sample	Technique	Investigator code	Funding	<u>-</u>
-449	Aug Dec.	Once a week	288	049	002	902	2
407	dab	Once every two weeks	8	049	00%	900	Ž.
	Ag.	Once a week	GRB	049	005	92	2
•	Jan del	Once every two weeks	85	049	005	92	2
~o ₉	Aug Dec.	Once a week	85	049	002	902	2
æ	Jan July	Once every two weeks	GRB B	040	005	9	A Q
-40	Aug Dec.	Once a week	38	040	700	902	RHO
an an	Jan July	Once every two weeks	88	040	005	8	2
w-	Jan July	Once every two weeks Twice in July	3RB	049	002	900	2
-40	Aug Dec.	Once a week	GRB	049	200	8	0
-	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	press Beauty common contras	. 049	005	900	

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (μg/liter)

- G	RHO	SE CONTROL	OH OH OH OH OH OH OH OH OH OH OH OH OH O	RHO	RHO
	<u>~</u>	C _{reditio}			₩
Fundir	900	900	900	900	900
Investigator Funding code	005	005	005	005	005
Technique code	049	049	049	049	049
Sample	HI	H	periodo periodi requis activo	GRB	GRB
Time frequency	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	RR3T	RR2T	WRIT	SEL	800 .

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

File	SH2	RHO	RHO	RF ·	RHO O	Rio
Funding Code,						
	002	002	900	002	002	002
Investigator code	002	. 005	005	005	002	005
Technique code	049	049	049	049	049	049
Sample type	GRB	GRB	GRB	HIT	H H	H
Time frequency	Once a week	Once every two weeks	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	Once every two weeks from Jan July; once every week from Aug Dec.
Time span	Aug Dec.	Jan July	Jan Dec.	Jan Dec.	Jan Dec.	Jan Dec.
Station	BNB	BNC	MMB	100	EN .	

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

Station	Time span	Time	Sample	Technique code	Investigator code	Funding code	File
SR10	Jan July	Once every two weeks	GNB	049	005	900	RHO
SR9	Jan July	Once every two weeks	GRB	049	005	900	RHO
SRB	Jan July	Once every two weeks	GRB	049	005	900	RHO
SR7	Jan July	Once every two weeks	GRB	049	005	900	RHO
SR6	Jan July	Once every two weeks	GRB	049	005	900	RHO
SR5	Jan July	Once every two weeks	GRB	049	005	900	RHO
SR4	Jan July	Once every two weeks	GRB	049	005	900	RHO
SR3	Jan July	Once every two weeks	GRB	049	005	900	RHO
SR2	Jan July	Once every two weeks	GRB	049	005	900	RHO
S	Jan July	Once every two weeks	GRB	049	005	900	RHO
ВС	Jan July	Once every two weeks	GRB	049	002	900	RHO

Table 7. (Continued)

Category: 320 Format: X.XX EXX

Total phosphorus (µg/liter)

Station		Time	Sample	Technique	Investigator	Funding	T. O
name	Time span	frequency	type	code	code	code	10
SRIOT	Jan July	Once every two weeks	jenova jenova jenova prajos prajos	040	005	005	Sou
SR9T	Jan July	Once every two weeks		049	005	900	200
SR8T	Jan July	Once every two weeks	Ferress Sections Sections	049	005	900	Sou
SR7T	Jan July	Once every two weeks	forms (cons) capes capes	049	005	900	Sou
SR6T	Jan July	Once every two weeks		049	005	900	SOU
SR5T	Jan July	Once every two weeks	James James James James James	049	005	900	SOU
SR4T	Jan July	Once every two weeks	H	049	005	900	Sou
SR3T	Jan July	Once every two weeks	percent percent percent percent percent	049	005	002	205
SR2T	Jan July	Once every two weeks		049	005	900	SOU
SRIT	Jan July	Once every two weeks	- Jeaned Jeaned Language Language	049	005	900	SOU
5	Jan July	Once every two weeks	ja-s jacoj capos	049	002	0005	. nos

Table 7. (Continued)

Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (µg/liter)

Station name	Time span	Time frequency	Sample	Technique	Investigator code	Funding	a a
C5	Jan. Bec	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	050	005	002	C X
99	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	æ G	090	002	900	Ç
(57	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	8	090	000	500	<u>8</u>
89	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	8	950	005	900	S
63	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB .	050	002	902	Ê

Table 7. (Continued)

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (μg/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Station	Time span	Time	Sample	Technique code	Investigator code	Funding code	File
RR4B	Aug Dec.	Once a week	GRB	050	002	002	RH CH
RR4A	Jan July	Once every two weeks	GRB	050	002	005	RHO
RR3B	Aug Dec.	Once a week	GRB	050	005	900	RHO
RR3A	Jan July	Once every two weeks	GRB	020	005	900	8
RR2B	Aug Dec.	Once a week	GRB	020	002	900	RHO
RR2A	Jan July	Once every two weeks	GRB	020	002	900	RHO
E B	Aug Dec.	Once a week	GRB	020	002	900	SH OH
WRIA	Jan July	Once every two weeks	GRB	020	005	900	RHO
WRIC	Jan July	Once every two weeks Twice in July	GRB	020	002	900	RHO
WRO	Aug Dec.	Once a week	GRB	020	005	005	RHO
RR4T	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	HIH	050	005	900	RHO

Table 7. (Continued)

Format: X. XX EXX, X. XX EXX, X. XX EXX Category: 321

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (µg/liter)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
RR3T	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	HIT	090	005	900	ВНО
RR2T	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	H	090	005	900	RHO
	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	genera Jeros d mojeta mojeta moleta	050	005	900	RHO
SEL	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	050	005	900	RHO
CCB	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	090	005	900	RHO
BNB	Aug Dec.	Once a week	GRB	050	005	900	2

Table 7. (Continued)

Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus ($\mu g/liter$)

Station	Time span	Time frequency	Sample	Technique code	Investigator code	Funding	File
BNC	Jan July	Once every two weeks	GRB	050	005	900	RHO
MMB	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	050	005	900	RHO
CCT	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	HIT	050	005	900	RHO
- ·	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	HIT	050	002	900	RHO
TWM	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	HI	050	002	900	RHO

Table 7. (Continued)

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (μ/l iter) Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Station	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding	File
SR10	Jan July	Once every two weeks	GRB	050	005	005	SOU
SR9	Jan July	Once every two weeks	GRB	050	005	900	Sou
SR8	Jan July	Once every two weeks	GRB	050	005	000	Sou
SR7	Jan July	Once every two weeks	GRB	020	005	900	SOU
SR6	Jan July	Once every two weeks	GRB	020	005	900	nos
SR5	Jan July	Once every two weeks	GRB	050	005	905	Soci
SR4	Jan July	Once every two weeks	GRB	050	005	900	SOU
SR3	Jan July	Once every two weeks	GRB	020	005	900	NOS
SR2	Jan July	Once every two weeks	GRB	050	005	002	nos
SRI	Jan July	Once every two weeks	GRB	020	005	900	Sou
ВС	Jan July	Once every two weeks	GRB	020	002	900	200

Table 7. (Continued)

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (µg/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Jan Ju an Ju an Ju an Ju an Ju	Jan July Jan July Jan July	Time frequency Once every two weeks Once every two weeks Once every two weeks	Sample type HIT HIT	. Technique code 050 050 050	Investigator code 002 002 002	Funding code 005 005 005 005	File Sou
		Once every two weeks Once every two weeks	femme femme femmel femmel caryon caryon carken carbon	050	002	0000	. no .
		Once every two weeks Once every two weeks	Summer Summer Summer Summer Summer Summer Summer Summer Summer Summer	050	002	000	Sou Sou
		Once every two weeks Once every two weeks	Jaanna Joseph James Joseph espisa stryno cerlisia cerlesia	050	002	90 00	5 S
		Once every two weeks	formers formed stepses customs	020	005	500	205

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

 Time span		Sample	Technique code	27	Funding	2
Jan. – Hec.	Once every two weeks from Jan July; once every week from Aug Dec.		20 20 20	3	2	profits construction construction construction
	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	028	005	002	C
Jan. – Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	885	058	005	900	
Jan. – Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	8	058	005	900	2
Jan. – Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	925 B	. 058	005	900	

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

tation name	Time span	span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File	
RR4B	Aug	Aug Dec.	Once a week	SR	058	005	900	E	
RR4A	Jan.	Jan July	Once every two weeks	GRB	058	005	900	RHO	
RR3B	Aug.	- Dec.	Once a week	GRB	058	005	900	RHO	
RR3A	Jan.	- July	Once every two weeks	GRB	058	005	900	RHO	
RR2B	Aug	- Dec.	Once a week	GRB	058	005	000	RHO	
RR2A	Jan.	- July	Once every two weeks	GRB	058	005	900	RHO	
WR1B	Aug.	- Dec.	Once a week	GRB	058	005	900	RHO	
WRIA	e e e	Jan July	Once every two weeks	GRB	058	005	000	RHO 0	
WR1C	Jan	- July	Once every two weeks Twice in July	GRB	058	005	002	RHO	
WRO	Aug.	- Dec.	Once a week	GRB	058	005	900	RHO	
RR4T	Jan	- Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	H	. 058	005	900	RHO	

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

tation			frequence	Sample type	Technique code	Investigator code	Fig. 60	<u> </u>
t- m		Dec	Once every two weeks from Jan July; once every week from Aug Dec.	Januari Januari Gargasi Garbasi	058	902	900	OH.
F 2	e e e e e e e e e e e e e e e e e e e	ů a a	Once every two weeks from Jan July; once every week from Aug Dec.	function formed companies	058	005	900	2
fermo premo Gallo Suggo		- Dec	Once every two weeks from Jan July; once every week from Aug Dec.	greates proof crises collect	028	000	900	9
BS	e e e	Dec	Once every two weeks from Jan July; once every week from Aug Dec.	88	058	005	900	RHO
8333	Jan	ë	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	0.00	005	900	A D
B. B. B.	Aug.	Dec	Once a week	g B	058	95	900	24 24 24 24 24 24 24 24 24 24 24 24 24 2

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

Station	Time span	Time	Sample	Technique code	Investigator Funding code	Funding	r e
BNC	Jan July	Once every two weeks	GRB	058	002	005	RHO
MMB	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	058	005	900	RHO
CCT	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	HIT	. 058	005	900	RHO
BNT .	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	H	058	005	900	вно
L M	Jan Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	H	058	002	900	RHO

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

Station name	Time span	pan	Time frequency	Sample type	Technique code	Investigator code	Funding code	를
SR10	Jan July	July	Once every two weeks	GRB	058	005	900	200
SR9	Jan.	July	Once every two weeks	GRB	058	005	900	Sou
SR8	Jan.	July V	Once every two weeks	GRB	058	005	900	200
SR7	Jan	- July	Once every two weeks	GRB	058	005	900	200
SR6	i a	July	Once every two weeks	GRB	058	005	900	SOU
SR5	Jan	ا ا	Once every two weeks	GRB	058	005	900	200
SR4	Jan	- July	Once every two weeks	GRB	058	005	900	200
SR3	Jan	July	Once every two weeks	GRB	058	005	900	SOU
SR2	Jan	July	Once every two weeks	GRB	058	000	900	Sou
SR1	Jan	July	Once every two weeks	GRB	058	005	900	000
ВС	Jan July	July	Once every two weeks	GRB	058	005	. 500	NOS

Table 7. (Continued)

Category: 330 Format: X.XX EXX

Organic carbon - combustion (mg/liter)

tation	Time span	S	. Jes W	Time	S	Sample type	Technique	Investigator code	Funding code	d) que post
5			Once every		two weeks	process process contents	0.58	700	005	ē
28 A	e e e	J.	Once every	y two	o weeks	gomen general emperal embere	053	005	S	Ŝ
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Ē		Once every	y two	o weeks		0228	700	8	Ŝ
	e e	2	ince every	٧ لــــــــــــــــــــــــــــــــــــ	o weeks		058	300	902	So
Sec	· c		Once every	y two	o weeks	formation for the state of the	028	8	500	ē,
rs For	i e e	S	Once every	ort y	o weeks	games games expens endens	89	005	60	ŝ
SAGT	e e e	2	Once every	y two	o weeks	Processo Processo conjunction conjunction	0228	005	800	3
- E8S	i de la companya de l	2	Once every	7 two	o weeks	foreign jacotel regras recluse	058	905	500	ŝ
SR2T		200	Once every	s two	o weeks	jeozeo jeozej ozna ozen	058	005	800	Ŝ
	e e e	20	Once every	\$ \$ \$	o weeks	Jacobs Jacobs Capton contract		005	902	3
59	Jan July	a Z	Once every		two weeks	france fraced concer colons	. 058	005	900	3

Table 7. (Continued)

Category: 340 Format: XX.XX

Dissolved oxygen (mg/liter)

			1					
tation name	Time span	span	Time frequency	Sample type	Technique code	Technique Investigator Funding code	Funding	흡의
C2	Aug.	- Dec.	Once a week	GRB	029	.002	900	RHO
90	Aug	- Dec.	Once a week	GRB	059	005	900	RHO
22	Aug.	- Dec.	Once a week	GRB	059	005	900	RHO
C8	Aug.	- Dec.	Once a week	GRB	020	002	900	9
63	Aug	- Dec.	Once a week	GRB	059	005	900	RHO
RR4C	Aug.	- Dec.	Twice a week	GRB	059	018	900	RHO
RR4B	Aug.	- Dec.	Once a week	GRB	059	018	900	RHO
RR4A	Jan.	- Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	059	018	900	RHO
RR3B	Aug	- Dec.	Once a week	GRB	059	018	900	RHG
RR3A	Jan	Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	GRB	. 059	018	900	RHO

Table 7. (Continued)

Category: 340 Format: XX.XX

Dissolved oxygen (mg/liter)

File	RHO	кно	RHO	RHO	RHO	RHO	RHO
Funding	002	900	500	900	900	900	. 005
Investigator code	018	018	018	018	018	018	005
Technique code	020	650	059	650	059		029
Sample type	GRB	. GRB	GRB	GRB	GRB	GRB	GRB
Time frequency	Once a week	Once every two weeks from Jan July; twice a week from ' Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week	Once every two weeks from Jan July; twice a week from Aug Dec.	Once every two weeks from Jan July; twice a week from Aug Dec.	Once a week
Time span	Aug Dec.	Jan Dec.	Jan Dec.	Aug Dec.	Jan Dec.	Jan Dec.	Aug Dec.
Station name	RR2B	RR2A	WR1A	WRIB	WR1C	WRO	SEL

Table 7. (Continued)

Category: 340 Format: XX.XX

Dissolved oxygen (mg/liter)

Station of the contraction of th	Q E	i a a	frome	Sample	Technique	Investigator	D T T	Q person person LLs
53	J Š	Aug Dec.	Once a week	are Ber	650	810	500	HH HH
SCG	ë	Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	020	810	900	RHO
233	Aug.	Dec	Once a week	a B	550	8	992	8 9
BR	A O	- Dec.	Once a week	82	520	5	S	RHO
9	5	Dec.	Once a week	880	020	0	002	9
BNC	e e e	Dec.	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	020	<u>ල</u>	900	RHO
	Aug.	- Dec	Once a week	229	650	8	8	9
4	- - -	ပုံ ဓ	Once every two weeks from Jan July; once every week from Aug Dec.	GRB	020	8	900	9
	Aug	Aug Dec.	Once a week	GRB	020	018	8	2

Table 7. (Continued)

Category: 340 Format: XX.XX

Dissolved oxygen (mg/liter)

Station name	Time span	Time	Sample type	Technique code	Investigator code	Funding	20
	Jan July	Once every two weeks	Ş	550	018	900	205
	Jan July	Once every two weeks	85	020	8	000	8
	Jan July	Once every two weeks	8	0 22 0	0	000	305
	Jan July	Once every two weeks	8	059	80	002	705
	Jan July	Once every two weeks	9 8 8	020	<u>o</u>	000	200
	Jan July	Once every two weeks	89	0000	<u>o</u>	002	Ŝ
	Zab	Once every two weeks	9 0	6 900	0 8	002	205
	Jan	Once every two weeks	88	020	8	8	300
	dan duly	Once every two weeks	8 2 2	020	018	8	205
	Jan July	Once every two weeks	aRB a	059	018	002	200
	Jan July	Once every two weeks	eg eg	050	018	000	200

Table 7. (Continued)

Category: 410 Format: X.XX EXX

Chlorophyll a (µg/liter)

tation	Time span	Spi		ov der menenen en eksterne der	Time frequency	Time	~	Sample type	Technique code	Investigator	Tinding code	프립
RR4A	<u>c</u>	9		Once	Once every		two weeks	GRB	990	8	8	2
RR3A	Š	98		9	Once every		two weeks	GRB GRB	090	8	9	
RR2A	5	8	2	once once	9 0 2 2	282	zee s	æ	090	018	905	2
	Š	8	2	g ce	Once every		two weeks	GRB	090	018	002	2
о Ж	9	9	2	Once	every	1	X X X	GRB	990	60	500	
CCB	e C	8	7	Once	@ @ \$		two weeks	88	090	8	200	
BNC		8	2	Ouce	every	two	weeks	8	990	80	300	
a war	ë	8	2	Once	every	\$	\$ \$ \$ \$	8	99	00	902	2
RA4	É	9	Jan 2	926	Once every	2,0	weeks	finalize formali cospers materia	090	80	S	2
F	Ė	ĝ		9	every	-	two weeks	general general engang enforce	090	0	300	2
RRZT	É		2	guce	Once every		two weeks	feesien feesien outeen outeen	090	8	500	
		8	2	Once	every		two weeks	Security Security Company Conference	990	8	002	2
CCT	e e e	8	A E	Once	Once every	25	weeks	ફેવ્યક્ત કુક્કાનાર્ટ લાક્ષક લાક	99	8	900	0

Table 7. (Continued)

Category: 410 Format: X.XX EXX

Chlorophyll a (µg/liter)

9 0	9 4	2
Funding	902	8
Investigator code	8	© -
Technique	090	090
Sample	parcos Secundo conjunto conjunto conjunto	Jacobs Jesselj crepus entens
Time frequency	Once every two weeks	Once every two weeks
Time span	Jan July Once every	Jan July 0
Station	Janes Santa	Salaran Salaran Salaran Salaran Salaran Salaran

Table 7. (Continued)

Category: 410 Format: X.XX EXX Chlorophyll a (µg/liter)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SRIO	Jan July	/ Once every two weeks	GRB	090	0	5	200
SR9	Jan July	once every two weeks	GRB	090	018	900	200
SR8	Jan July	once every two weeks	GRB	090	018	900	200
SR7	Jan July	once every two weeks	GRB	090	018	900	SOU
SR6	Jan July	once every two weeks	GRB	090	018	900	200
SR5	Jan July	once every two weeks	GRB	090	018	900	205
SR4	Jan July	/ Once every two weeks	GRB	090	018	900	Nos
SR3	Jan July	/ Once every two weeks	GRB	090	018	900	nos
SR2	Jan July	once every two weeks	GRB	090	018	900	Sou
SRI	Jan July	/ Once every two weeks	GRB	090	018	900	SOU
BC	Jan July	/ Once every two weeks	GRB	090	018	900	SOU

Table 7. (Continued)

Category: 410 Format: X.XX EXX

Chlorophyll a ($\mu g/liter$)

tation name	Time span	span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SRIOT	Jan.	Jan July	Once every two weeks	Januar Januari Marina Marina	090	810	900	nos
SR9T	Jan.	Jan July	Once every two weeks	I	090	018	900	SOU
SR8T	e e e	Jan July	Once every two weeks	January empires empires empires	090	018	900	nos
SR7T	Jan.	Jan July	Once every two weeks	H	090	018	900	sou
SR6T	, , ,	- July	Once every two weeks	January General General General	090	8	9002	205
SR5T	Jan.	- July	Once every two weeks		090	018	900	200
SR4T	i e e	ا اعل ح	Once every two weeks	proceeds proceeds strangers stylens	090	810	900	son
SR3T	Jan	- July	Once every two weeks		090	018	900	sou
SR2T	dan.	- July	Once every two weeks	person person compan contras	090	8	800	nos
SRIT	Jan	- July	Once every two weeks	E	090	018	900	200
BCT	ر م م	Jan July	Once every two weeks		090	018	902	205

Table 7. (Continued)

Category: 510 Format: X.XX EXX, X.XX EXX

Adult copepod, nauplii $(\#/m^3)$

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
RR4T	Jan July	Once every two weeks	jesano jesani empa eman	190	020	002	2
RR3T	Jan July	Once every two weeks	process process molesso	190	020	900	RHO
RR2T	Jan July	Once every two weeks	jame jeresi etuen esten	190	020	900	240
paras Cara angu	Jan July	Once every two weeks	Janes	190	020	900	RHO
CCT	Jan July	Once every two weeks	juntens juntensj engens enders	190	020	900	RHO
Person Spring Secon Seco	Jan July	Once every two weeks	june june june june	190	020	900	RHO
L	Jan July	Once every two weeks	jesovi jesovi espen esten	190	020	900	RHO

Table 7. (Continued)

Category: 510 Format: X.XX EXX, X.XX EXX Adult copepod, nauplii $(\#/m^3)$

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SR10T	Jan July	Once every two weeks	jancoj jancoj ospos ospos	190	020	900	Sou
	Jan July	Once every two weeks	James James James James James James	190	020	900	Sou
	Jan July	Once every two weeks		190	020	900	200
	Jan July	Once every two weeks		190	. 020	900	Sou
	Jan July	Once every two weeks	jerovij strpini strpini	190	020	900	SOU
	Jan July	Once every two weeks		190	020	900	NOS
	Jan July	Once every two weeks	parent parent capes	190	020	900	SOU
	Jan July	Once every two weeks	jamas jenned majara majara	190	020	900	SOU
	Jan July	Once every two weeks	emana empan empan empan empan	190	020	900	şon
	Jan July	Once every two weeks	jaarento jamento engany england	190	020	900	Sou
	Jan July	Once every two weeks	Patento Sacrod Sacrod Sacrod	190	020	005	200

Table 7. (Continued)

Category: 511 Format: X.XX EXX

Rotifers $(\#/m^3)$

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
RR4T	Jan July	Once every two weeks	femous [mane] majors materia	190	020	900	RHO
RR3T	Jan July	Once every two weeks	jeses jeses antes	190	020	900	RHO
RR2T	Jan July	Once every two weeks	F	190	. 020	005	RHO
WRIT	Jan July	Once every two weeks	James James capen capen	190	020	900	REO
CCT	Jan July	Once every two weeks	junus junus sapra aukss	190	020	002	250
H	Jan July	Once every two weeks	James James Salan Sa Salan Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa	190	020	002	R
BNT	Jan July	Once every two weeks	functions) Justiced congress condenses	190	020	9005	Z O

Table 7. (Continued)

Format: X.XX EXX Category: 511 Rotifers (#/m³)

Station name	Time span	an	fre	Time frequency	>	Sample type	Technique code	Investigator code	Funding code	File	
SR10T	Jan July	2	Once every		two weeks	jesom jesom sapan sakan	190	020	900	SOU	
SR9T	Jan	July	Once every	•	two weeks	HIT	190	020	900	SOU	
SR8T	i e e e	> ====================================	Once every		two weeks	feranse feranse expres existens	190	020	900	Sou	
SR7T	Jan	July	Once every	-	two weeks	H	190	020	900	SOU	
SRGT	Jan	2	Once every	y two	weeks	justino justino enques endino	190	020	005	SOU	
SR5T	Jan	July	Once every	y two	weeks	HIT	190	020	900	200	
SR4T	Jan	July	Once every	y two	weeks	James James Royan Rodran Rodran	. 061	020	900	SOU	
SR3T	Jan	July	Once every	y two	weeks	Ħ	190	020	900	200	
SR2T	Jan	July	Once every	y two	weeks	James James wysos where	190	020	900	NOS	
SRIT	Jan	July	Once every	y two	weeks	H	190	020	900	Sou	
ВСТ	Jan	July	Once every		two weeks	 	190	020	900	200	

Table 7. (Continued)

Category: 512 Format: X.XX EXX

Polychaetes (#/m³)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
RR4T	Jan July	Once every two weeks	Emman Imman customs	190	020	002	840
RR3T	Jan July	Once every two weeks	eccusion bossion - suppro- resirence	190	020	900	RHO
RR2T	Jan July	Once every two weeks	Section Sectin Section Section Section Section Section Section Section Section	190	020	900	Z
TLAM	Jan July	Once every two weeks	Januari Januari Cipres Calves	190	020	900	25
CCT	Jan July	Once every two weeks	Januari Januari Sagrani Sagrani	190	020	900	REO
James Grand Grand Grand Grand Grand	Jan July	Once every two weeks	Beautity Septemble supplies supplies	190	020	900	2
BNT	Jan July	Once every two weeks	jened osper witte	190	020	002	SHO CHO

Table 7. (Continued)

Category: 512 Format: X.XX EXX Polychaetes (#/m³)

tation name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code	File
SR10T	Jan July	Once every two weeks	janeno jereni stopia stopia	190	020	900	Sou
SR9T	Jan July	Once every two weeks	Spendido Source Column Column Column	190	020	900	200
SR8T	Jan July	Once every two weeks	Samuel Samuel Company Company	190	020	900	200
SR7T	Jan July	Once every two weeks	james james ongos caleca	190	020	900	Soci
SR6T	Jan July	Once every two weeks	James Jenned communication surface	190	020	900	Sou
SR5T	Jan July	Once every two weeks	James James James James James	190	020	900	200
SR4T	Jan July	Once every two weeks	Januara Januara mayesa canta-a	061	020	900	Sou
SR3T	Jan July	Once every two weeks	Janua Janua Janua Janua Janua	190	020	900	Sou
SR2T	Jan July	Once every two weeks	James and James	190	020	900	nos
SRIT	Jan July	Once every two weeks		190	020	900	3 0S
BCT	Jan July	Once every two weeks	process process	190	020	900	Ros

Table 7. (Continued)

Category: 519 Format: X.XX EXX

Other zooplankton (#/m³)

Station	Time span	Time frequency	Sample	Technique code	Investigator code	Funding	<u>=</u> =
RR4T	June - July	Once e	H	190	020	900	RHO
RR3T	June - July	Once every two weeks		190	020	900	SHO CH2
RR2T	June - July	Once every two weeks	feecase feecast across eschool	190	020	002	SHO O
L	June - July	Once every two weeks	faces Juncial capes states	190	020	900	RHO
T33	June - July	Once every two weeks	Jacob Jeros espo estes	190	020	900	RHO
Section of the control of the contro	June - July	Once every two weeks	fuces femal suppos subse	1 90	020	005	8
BNA	June - July	Once every two weeks	James Ja Ja Ja Ja Ja Ja Ja Ja Ja Ja Ja Ja Ja	190	020	900	RHO

Table 7. (Continued)

Category: 519 Format: X.XX EXX Other zooplankton (#/m³)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Fund ing code	File
SRIOT	April - July	April - July Once every two weeks	H	190	020	005	Sou
SR9T	April - July	Once every two weeks	James Same	190	020	900	Sou
SR8T	April - July	Once every two weeks	James James James James James	190	020	900	200
SR7T	April - July	Once every two weeks	James James James James	190	020	000	205
SR6T	April - July	Once every two weeks	James James James James James	190	020	900	205
SR5T	April - July	Once every two weeks	jestoko jessorij ospisos ospisos	190	020	900	Ş
SR4T	April - July	Once every two weeks	James or James of Grant Const.	190	020	900	Sou
SR3T	April - July	Once every two weeks	jerczań jerczej częsow adłosp	190	020	002	200
SR2T	April - July	Once every two weeks	Janusco Janusco Gregoro Gardens	190	020	002	Sou
Las	April - July Once every	Once every two weeks	feetan Jerool enque entre	190	020	900	Sou
BCT	April - July Once every	Once every two weeks	faces formal service services	190	020	002	200

Table 7. (Continued)

Category: 521 Format: X.XX EXX

Tintinnids $(\#/m^3)$

Station	T om c c	S 6 6		Time Condition of the C	9	~	Sample	Technique	Investigator		0
Name:		Pan	CHECK THE PROPERTY OF THE PROP		ב	tend Color Development Secure Color of Secure Secur	CYCE	SANA S	A CA CA CA	MAN AND AND AND AND AND AND AND AND AND A	
	de .	A TEN	926	every	2	weeks	femore Second sugges scrience	S	050	900	
F. &	Jan.	Ž Ž	926	every	two	se ek	Beaution Beaution engine engine	19 0	020	8	2
RRZT	Jan July	2 2	a S	every	CW0	we eeks	frameso formal conjunction ordered	90	050	50	2
faces process constraints		A B	9 0 0	every	two	See Fx	James San	190	020	500	2
5	Š	5	0 0 0	0 0 0 0 0	282	seeks Seeks	Services Services contrato	9	020	500	2
Security Sec	Jan July		Omce	every	Ç R Q	weeks	general general vangetti casketti	<u>-</u>	020	000	RHO
	i e e	Jan July	Once every	every	t 8	Weeks S	general general angusa analosa	9	200	002	2

Table 7. (Continued)

Category: 521 Format: X.XX EXX

Tintinnids $(\#/m^3)$

tation	Time span	span	<u>ح</u>	Time	S.	Sample type	Technique code	Technique Investigator code code	Funding	File
SRIOT	Jan	Jan July	Once every	ry t	two weeks		190	020	005	200
SR9T	Jan.	Jan July	Once every		two weeks	James Jessel sayan sayan	190	020	005	200
SR8T	Jan.	Jan July	Once every		two weeks		190	020	900	SOU
SR7T	Jan.	Jan July	Once every		two weeks	H	190	020	900	200
SR6T	Jan.	Jan July	Once every		two weeks	—	190	020	900	NOS
SR5T	Jan.	Jan July	Once every		two weeks	juroso Juroso capan casan	190	020	.005	200
SR4T	Jan.	Jan July	Once every		two weeks	jeman jemanj emper emper	190	. 020	002	200
F	- - - -	ر ال	Once every		two weeks		190 ·	020	6	SOU
SR2T	Jan.	Jan July	Once every		two weeks	Jacobs Jacobs Garage Garage Garage	. 190	020	0005	200
SRIT	Jan	- մաշջ	Once every		two weeks	formal formal original scales	190	020	002	200
BCT	Jan.	Jan July	Once every		two weeks	 	190	020	900	S0U

Table 7. (Continued)

Category: 529 Format: X.XX EXX

Other microzooplankton $(\#/m^3)$

tation	Time span	Š	S		\$	Time of the	Time .	minus Cumina di Pupulanci di Abbania	Sample type	Technique code	Investigator code	Funding	
	Jan July	1	Š	Once every	eve		2.0%	two weeks	gramming grammer of manager for optional to	590	020	902	9
F	Jan .	ì		Once	every	•	r Cwo	Weeks	geotzero geotzeng saltigoze ozakon)	9	050	002	ZH2
RR27	an	9	S	Ouce	e very	•	o Q A	see 5	forcements forcements forcements temporals conditions	590	070	Ş	8
jacon press fisher series	Jan	8	2	Once	every	•	two v	S S S S S S	general general magness sactom	9	050	9	9
р С	Jam July	1	July V	Once	every	•	t WO	weeks	Bouleton Brown of States of States of		050	S	2
Pamore Operation Officers Operation	Jam July	8	al y	Once	every	•	c C C R O	weeks	general general general general general	190	050	8	2
þessa SZ GÓ	e e e	1	Jan	Once every	eVe	-	ج چو	Š Š Š Š	Besterna Personal marques market ma market ma market ma ma ma ma ma ma ma ma ma ma ma ma ma	Ö	020	90	

Table 7. (Continued)

Category: 529 Format: X.XX EXX

Other microzooplankton ($\#/m^3$)

File	SOU	NOS	SOU		2	2			2	2	⊇
Ŀ T	S	S(S	NOS	SOU	NOS	SOU	SOU	SOU	Sou	SOU
Funding code	002	002	900	900	900	900	900	900	900	900	005
Investigator code	020	020	020	020	. 020	020	020	020	020	020	020
Technique code	190	190	190	190	190	190	190	190	190	190	190
Sample type	H	Beneath contents contents	Security Sec	January January Garagero Garagero Garagero	Journey Instance Instance Instance Instance	H	Justino Jeografi majero realisto	January January January	James James James James James	Sentence Sentence company contracts	James James Organo Organo
Time frequency	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks	Once every two weeks
Time span	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July	Jan July
Station	SRIOT	SR9T	SR8T	SR7T	SR6T	SR5T	SR4T	SR3T	SR2T	S	ВСТ

Table 7. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX

Total coliform

File RH5 RHO REG REG REG RHO RHO 2 2 2 쭖웊 8E RHO RE 2 Funding code 005 005 002 002 005 005 005 005 002 005 005 Investigator code 900 900 900 900 900 900 900 900 900 900 Technique code 053 053 053 053 053 053 053 053 053 053 053 053 053 053 GRB & SED GRB GRB & SED GRB GRB & SED GRB GRB & SED GRB & SED Sample code GRB GRB GRB GRB GRB GRB Once every two weeks frequency Time a week a week Once Once Once Once JulySept. Aug. - Sept. - July - Sept. Aug. - Sept. Sept. - մսյչ Sept. - Sept. Aug. - Sept. - Sept. - July Jan. - July Time span Jan. Jan. Aug. Aug. Aug. Aug. Jan. Jan. Aug. Aug. Station name WR TA RR4A RR4C RR3A RR2A 69 9 S 89 C

Total coliform and fecal coliform (#/100 ml)

Table 7. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX

Total coliform and fecal coliform (#/100 ml)

Total coliform	m.						
Station name	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding code	File
WRO	Aug Sept. Once a	Once a week	GRB	053	900	900	RHO
goo	Aug Sept. Once a	Once a week	GRB	053	900	900	SE CONTRACTOR DE
BRB	Aug Sept.	Once a week	GRB	053	900	900	R C
MMB	Aug Sept. Once a	Once a week	GRB	053	900	900	RHO

Table 7. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX

Total coliform and fecal coliform (#/100 ml) Fecal coliform St

Station	Time span	Time frequency	Samp1e code	Technique code	Investigator	Find a	2
5	Aug Dec.	Once a week	GRB	053	900	8	2
83	Aug Dec.	Once a week	2000	053	96	500	2
2	Aug Dec.	Once a week	Š	650	900	50	2
90	Aug Dec.	Once a week	æ	650	900	6	2
S	Aug Dec.	Once a week	2	053	98	500	0
RR4A	Aug Dec.	Once a week	82	650	99	8	Ç
RR4C	Aug Dec.	Once a week	Ë		900	500	2
RR3A	Aug Dec.	Once a week	æ	053	900	500	2
RR2A	Aug Dec.	Once a week	GRB	053	900	500	2
WRO O	Sept Dec.	Once a week	GRB	053	900	500	2
CCB	Aug Dec.	Once a week	88	053	9	500	2
BNB	Aug Dec.	Once a week		m 90	900	902	2
g.	Aug Dec.	Once a week	9KB	053	9	500	9

Table 7. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX

Total coliform and fecal coliform (#/100 ml)

Station name	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding	File
SR10	Jan July	Once every two weeks	GRB & SED	053	900	900	SOU
SR8	Jan July	Once every two weeks	GRB & SED	053	900	900	SOU
SR6	Jan July	Once every two weeks	GRB & SED	053	900	900	nos
SRA	Jan July	Once every two weeks	GRB & SED	053	900	900	Sou
SR2	Jan July	Once every two weeks	GRB & SED	053	900	900	SOU
BC	Jan July	Once every two weeks	GRB & SED	053	900	900	206

Table 7. (Continued)

Category: 712 Format: X.XX EXX

Fecal streptococci (#/100 ml)

	e ency	<u>a</u> a	code code	Investigator code	Funding	a a
				9 8	§ 8	2 8
Dec. Once a week			Š	ŝ		
Dec. Once a week	C	S	* 50	990	6	e
Dec. Once a week	Ō	82	7 50	900	8	E C
Dec. Once a week	Ü	8	054	900	8	2
Dec. Once a week			350	980	5	2
Dec. Once a week	Ü		T S0	900	in C	2
Dec. Once a week	Ü	95	054	900	50 0	2
Dec. Once a week	Œ	#	750	900	9	R Q
Dec. Once a week	U	are are	054	900	9 S	RHO
Dec. Once a week	C	9. CR	054	900	9	2
Dec. Once a week	C	URB	054	900	8	2
Dec. Once a week	Ü	GRB	054	900	002	2

Table 7. (Continued)

Total viable heterotrophs (#/ml), 7 days; and total viable heterotrophs (#/ml), 48 hours Format: X.XX EXX Category: 714

Station name	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding code	2
RR4C	Aug Dec.	Once a week	GRB	056	900	000	S.
RR4A	Aug Dec.	Once a week	GRB	950	900	900	RHO
RR3A	Aug Dec.	Once a week	GRB	950	900	900	RHO
RRZA	Aug Dec.	Once a week	age	020	900	000	ZIO 2
WRIA	Jan July	Once every two weeks	GRB & SED	950	900	900	RHO
wR0	Aug Dec.	Once a week	GRB	920	900	900	RHO
800	Aug Dec.	Once a week	GRB	050	900	500	SH2
BNB	Aug Dec.	Once a week	GRB	920	900	900	RHO
MMB	Aug Dec.	Once a week	GRB	056	900	900	RHO

Table 7. (Continued)

Category: 714 Format: X.XX EXX

Total viable heterotrophs (#/ml), 7 days; and total viable heterotrophs (#/ml), 48 hours

Station name	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding	Fig.
SR10	Jan July	Once every two weeks	GRB	950	900	900	200
SR8	Jan July	Once every two weeks	GRB	950	900	900	Nos
SR6	Jan July	Once every two weeks	gRB	950	900	002	200
SR4	Jan July	Once every two weeks	GRB	950	900	000	Sou
SR2	Jan July	Once every two weeks	GRB	920	900	900	Sou
BC	Feb July	Once every two weeks	GRB	950	900	900	Sou
23	Feb July	Once every two weeks	GRB	950	900	900	SOU

Table 8. Parameters Measured on Subwatershed Runoff Waters.

Category: 130 Format: X.XX EXX

Flow rate (liters/sec.)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Sellman North	Jan Dec.	Once a week	GRB	031	002	. 500
Sellman South	Jan Dec.	Once a week	GRB	031	002	900
North Branch	Jan Dec.	Once a week	GRB	031	002	900
Blue Jay	Jan Dec.	Once a week	GRB	031	005	900
Williamson	Jan Dec.	Once a week	GRB	031	002	\$000
Fox Creek	Jan Dec.	Once a week	GRB	031	002	900
Steinlein	Jan Dec.	Once a week	GRB	031	002	900

Table 8. (Continued)

Category: 131 Format: X.XX EXX

Total flow (liter)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Sellman North	Jan Dec.	Once a week	FLX	033	002	005
Sellman South	Jan Dec.	Once a week	FLX	033	005	900
North Branch	Jan Dec.	Once a week	FLX	033	002	900
Blue Jay	Jan Dec.	Once a week	FLX	033	200	900
Williamson	Jan Dec.	Once a week	FLX	033	200	900
Fox Creek	Jan Dec.	Once a week	FLX	033	000	000
Steinlein	Jan Dec.	Once a week	×	033	002	900

Table 8. (Continued)

Category: 212 Format: XX.XX

Temperature (⁰ Centigrade)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Sellman North	Jan Dec.	Once a week	GRB	034	200	900
Sellman South	Jan Dec.	Once a week	GRB	034	002	900
North Branch	Jan Dec.	Once a week	GRB .	034	002	900
Blue Jay	Jan Dec.	Once a week	GRB	034	002	900
Williamson	Jan Dec.	Once a week	GRB	034	005	900
Fox Creek	Jan Dec.	Once a week	GRB	034	005	. 900
Steinlein	Jan Dec.	Once a week	GRB	034	005	002
C4	Jan Dec.	Once a week	GRB	034	002	900
Spring	Jan Dec.	Once a week	GRB	034	005	900

Table 8. (Continued)

Category: 213	Format: XX.X	×.				
40						
Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Sellman North	Jan Dec.	Every two weeks	GRB	036	002	005
Sellman South	Jan Dec.	Every two weeks	GRB	036	005	900
North Branch	Jan Dec.	Every two weeks	GRB	036	002	900
Blue Jay	Jan Dec.	Every two weeks	GRB	036	002	900
Williamson	Jan Dec.	Every two weeks	GRB	036	002	900
Fox Creek	Jan Dec.	Every two weeks	GRB	036	002	005
Steinlein	Jan Dec.	Every two weeks	GRB	036	002	005
Main Branch	Apr Dec.	Every two weeks	GRB	036	002	002
C4	Jan Dec.	Every two weeks	GRB	036	002	002
Spring	Jan Dec.	Every two weeks	GRB	036	002	900

Table 8. (Continued)

Category: 220 Format: XXX

Turbidity (Jackson units)

Station	·	•	Sample	Technique	Investigator	Funding	
name	Ime span	Inme trequency	type	code	code	code	
Sellman North	March - Dec.	Once a week	GRB & FLX	038	005	900	
Sellman South	March - Dec.	Once a week	GRB & FLX	038	002	900	
North Branch	March - Dec.	Once a week	GRB & FLX	038	005	900	
Blue Jay	March - Dec.	Once a week	GRB & FLX	038	002	900	
Williamson	March - Dec.	Once a week	GRB & FLX	038	002	900	
Fox Creek	March - Dec.	Once a week	GRB & FLX	038	005	900	
Steinein	March - Dec.	Once a week	GRB & FLX	038	002	900	
Main Branch	April - Dec.	Once a week	GRB & FLX	038	002	900	
Spring	March - Dec.	Once a week	GRB & FLX	038	002	900	

Table 8. (Continued)

Category: 250 Format: XXXX.X, XXXX.X

Total and mineral suspended particulates (mg/liter)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Se man North	Jan Dec.	Once a week	XX	Q	03	9
Sellman South	Jan Dec.	Once a week	X	043	60	\$
North Branch	dan.	Once a week	×	043	60	9
Blue Jay	Jan Dec.	Once a week	GRB & FLX *	643	03	500
ui i amson	Jan. – Dec.	Once a week	×	043	60	S
Fox Creek	Jan Dec.	Once a week	X	043	60	Ş
Steinlein	Jan Dec.	Once a week	X	83	013	9
2	Jan Dec.	Once a week	989	043	6	8

* Usually FLX, GRB when flow is low.

Table 8. (Continued)

Category: 310 Format: X.XX EXX

N total (ug/liter)

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code
Sellman North	Jan Dec.	Once a week	FLX	044	002	900
Sellman South	Jan Dec.	Once a week	FLX	044	002	900
North Branch	Jan Dec.	Once a week	FLX	044	002	900
Blue Jay	Jan Dec.	Once a week	FLX	044	002	002
Williamson	Jan Dec.	Once a week	FLX	044	002	900
Fox Creek	Jan Dec.	Once a week	FLX	044	002	900
Steinlein	Jan Dec.	Once a week	FLX	044	002	900
Main Branch	Apr Dec.	Once a week	FLX	044	005	900
C4	Jan Dec.	Infrequently	GRB	044	002	900
Spring	Feb Dec.	Infrequently	GRB	044	002	900

Table 8. (Continued)

Nitrite + nitrate, ammonia, nitrite + amino acid, total Kjeldahl nitrogen, nitrite nitrogen ($\mu g/l$ 1) iter) Format: X.XX EXX, X.XX EXX, X.XX EXX, X.XX EXX Category: 311

Station	2 0 0 1 1	Timo from the contract	0 0 0	Technique	Investigator	
			SCORE	2002	SAAA	SPAS
Sellman North	o e e e e e e e e e e e e e e e e e e e	Every two weeks	8	044 - 048	005	9
Sellman South	Jan Dec.	Every two weeks	8	044 - 048	002	002
a quantità de la constant de la cons	i ger	Every two weeks*	88	044 - 048	002	002
Blue Jay	Jan Dec.	Every two weeks	285	044 - 048	000	200
in in in in in in in in in in in in in i	Jan Dec.	Every two weeks	22	044 - 048	002	002
Fox Creek	Jan. – Dec.	Every two weeks	&	044 - 048	002	002
ster.	Jan Dec.	Every two weeks	8	044 - 048	002	902
Main Branch	April - Dec.	Every two weeks	88	044 - 048	005	002
54	Jan Dec.	Every two weeks	2	044 - 048	. 000	002
o. Ser	Jan Dec.	Every two weeks	GRB	044 - 048	005	9

* Nitrite Oct. - Dec.

Table 8. (Continued)

Format: X.XX EXX Category: 320

P total (ug/liter)

Station name	Time span	Time frequency	Sample	Technique code	Investigator code	Funding code
Sellman North	Jan Dec.	Once a week Every two weeks	FLX	049	002	900
Sellman South	Jan Dec.	Once a week Every two weeks	FLX GRB	049	005	900
North Branch	Jan Dec.	Once a week Every two weeks	FLX GRB	049	002	900
Blue Jay	Jan Dec.	Once a week Every two weeks	FLX GRB	049	005	900
Williamson	Jan Dec.	Once a week Every two weeks	FLX GRB	049	005	900
Fox Creek	Jan Dec.	Once a week Every two weeks	FLX GRB	049	005	900
Steinlein	Jan Dec.	Once a week Every two weeks	FLX GRB	049	005	900
Main Branch	Apr Dec.	Once a week Every two weeks	FLX GRB	. 049	005	900
C4	Feb Apr. Jan Dec.	Infrequently Every two weeks	GRB GRB	049	005	900
Spring	Feb July Jan Dec.	Infrequently Every two weeks	GRB	049	002	500

Table 8. (Continued)

Dissolved inorganic phosphorus, dissolved total phosphorus, inorganic phosphorus (ug/liter) Format: X.XX EXX, X.XX EXX, X.XX EXX Category: 321

Station			Sample	Technique	Investigator	Funding
name	Time span	Time frequency	type	code	code	code
Sellman North	Jan Dec.	Every two weeks	GRB	. 050	005	900
Sellman South	Jan Dec.	Every two weeks	GRB	050	005	900
North Branch	Jan. – Dec.	Every two weeks	age a	050	005	900
Blue Jay	Jan Dec.	Every two weeks	GRB	020	005	900
Williamson	Jan Dec.	Every two weeks	GRB	090 .	005	900
Fox Creek	Jan Dec.	Every two weeks	GRB	050	005	902
Steinlein	Jan Dec.	Every two weeks	GRB	050	005	900
Main Branch	Apr Dec.	Every two weeks	GRB	020	005	900
C4	Jan Dec.	Every two weeks	GRB	050	005	900
Spring	Jan Dec.	Every two weeks	GRB	050	005	900

Table 8. (Continued)

Category: 331 Format: X.XX EXX

Total organic matter (g cal/liter)

Station name	Time span	Time frequency	Sample	Technique	Investigator code	Funding
Sellman North	Jan Dec.	Every two weeks	GRB	051	005	900
Sellman South	Jan Dec.	Every two weeks	GRB	5 0	002	900
North Branch	Jan Dec.	Every two weeks	GRB	150	002	900
Blue Jay	Jan Dec.	Every two weeks	GRB	150	002	900
Williamson	Jan Dec.	Every two weeks	GRB	150	002	900
Main Branch	Apr Dec.	Every two weeks	GRB	051	005	
C4	Jan Dec.	Every two weeks	GRB	051	005	900
Spring	Jan Dec.	Every two weeks	GRB	051	002	900

Table 8. (Continued)

Category: 380 382 382 384 385 385 380 380 390	** ***********************************	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Nickel (ug/lite Copper (ug/liter) Lead (ug/liter) Chromium (ug/liter) Cadmium (ug/liter) Manganese (ug/liter) Iron (ug/liter) Potassium (ug/liter) Magnesium (ug/liter)	<pre>(ug/liter) (ug/liter) 1/liter) (ug/liter) (ug/liter) se (ug/liter) m (ug/liter) m (ug/liter) m (ug/liter)</pre>			
Station name	Time span	U E	frequency	Sample type	Technique code	Investigator	Funding.
Sellman North	Jan Dec.	Once	week	×	052	026	902
Sellman South	Jan Dec.	Omce a	Week K	×	052	026	902
North Branch	Jan Dec.	Once a	* *	encode below	052	920	902
Blue Jay	Jan Dec.	Once a	% Ree X	×	052	920	992
Willamson	Jan Dec.	Omce a	Week	× ====================================	052	026	90
Fox Creek	Jan Dec.	Once a	wee k	×	052	920	5
Steinlein	Jan Dec.	Once a	week	×	052	920	5
64	jan .	Once a	X X	85	052	026	902
Spring	Jan Dec.	T frequent	ent C	GRB	052	0.26	9

Table 8. (Continued)

Category: 710 Format: X.XX EXX, X.XX EXX

Total coliform and fecal coliform (#/100 ml)

Total coliform

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code
Sellman North	Jan Nov.	Once a week	GRB	053	900	900
Sellman South	Jan Nov.	Once a week	GRB	053	900	900
North Branch	Jan Nov.	Once a week	GRB	053	900	900
Blue Jay	Jan Nov.	Once a week	GRB	053	900	900
Williamson	Jan Nov.	Once a week	GRB	053	900	8
Fox Creek	Jan Nov.	Once a week	GRB	053	900	900
Steinlein	Jan Nov.	Once a week	GRB	053	900	900
Main Branch	Apr Nov.	Once a week	GRB	053	900	900
Spring	Jan Dec.	Once a week	GRB	053	900	900

Table 8. (Continued)

Category: 710 (Continued)

Fecal coliform

Station name	Time span	Time frequency	Sample	Technique code	Investogator code	Funding code	
Sellman North	Jan Dec.	Once a week	8	053	900	902	
Sellman South	Jan Dec.	Once a week	8	053	900	902	
North Branch	Jan Dec.	Once a week	ğ	23	900	900	
Blue Jay	joan	Once a week	æ	653	900	9	
i amson	Jan Dec.	Once a week	8	053	900	900	
Fox Creek	Jan Dec.	Once a week	8	023	900	900	
Steinlein	Jan Dec.	Once a week	8	023	900	900	
Main Branch	Apr Dec.	Once a week	980	053	900	002	
Spring	Jan Dec.	Once a week	SH	S S	900	8	

Table 8. (Continued)

Category: 712 Format: X.XX EXX, X.XX EXX

Total streptococci

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding code
Sellman North	Feb July	Once a week	GRB	054	900	900
Sellman South	Feb July	Once a week	GRB	054	900	900
North Branch	Feb July	Once a week	GRB	054	900	900
Blue Jay	Feb July	Once a week	GRB	054	900	900
Williamson	Feb July	Once a week	GRB	054	900	. 002
Fox Creek	Feb July	Once a week	GRB	054	900	900
Stein ein	Feb July	Once a week	GRB	054	900	002
Main Branch	Apr Aug.	Once a week	GRB	054	900	900
Spring	Feb Dec.	Once a week	GRB	054	900	900

Total streptococci and fecal streptococci (#/100 ml)

Table 8. (Continued)

Category: 712 (Continued)

Fecal streptococci

Station name	Time span	Time frequency	Sample type	Technique code	Investigator code	Funding
Sellman North	Jan July	Once a week	GRB	054	900	900
Sellman South	Jan July	Once a week	GRB	054	900	900
North Branch	Jan July	Once a week	GRB	054	900	900
Blue Jay	Jan July	Once a week	GRB	054	900	900
Williamson	Jan July	Once a week	GRB	. 054	900	900
Fox Creek	Jan July	Once a week	GRB	054	900	900
Steinlein	Jan July	Once a week	GRB	054	900	900
Main Branch	Apr July	Once a week	GRB	054	900	900
Spring	Jan July	Once a week	GRB .	054	900	900

Table 8. (Continued)

Category: 713 Format: X.XX EXX, X (1 = +, 0 = -)
Salmonella (MPN/100 ml), salmonella presence

•			,		4 m	: L
Station	Time span	Time frequency	Sample	code	Investigator	runding
Sellman North	Jan Nov.	Once a week	GRB	055	900	002 & 005
Sellman South	Jan Nov.	Once a week	GRB	055	900	002 & 005
North Branch	Jan Nov.	Once a week	GRB	055	900	002 & 005
Blue Jay	Jan Nov.	Once a week	GRB	055	900	002 & 005
Williamson	Jan Nov.	Once a week	GRB	055	900	002 & 005
Fox Creek	Jan Nov.	Once a week	GRB	055	900	002 & 005
Steinlein	Jan Nov.	Once a week	GRB	055	900	002 & 005
Main Branch	April - Nov.	Once a week	GRB	055	900	002 & 005
Spring	Jan Nov.	Once a week	GRB	055	900	002 & 005

Table 8. (Continued)

Total viable heterotrophs (7 days), total viable heterotrophs (48 hours) (#/ml) Format: X.XX EXX, X.X EXX Category: 714

Station name	Time span	Time frequency	Sample code	Technique code	Investigator code	Funding code
Sellman North	Jan Dec.	Once a week	GRB	950	900	002 & 005
Sellman South	Jan Dec.	Once a week	GRB	056	900	002 & 005
North Branch	Jan Dec.	Once a week	GRB	056	900	002 & 005
Blue Jay	Jan Dec.	Once a week	GRB	950	900	002 & 005
Williamson	Jan Dec.	Once a week	GRB	950	900	002 & 005
Fox Creek	Jan Dec.	Once a week	GRB	950 /	900	002 & 005
Steinlein	Jan Dec.	Once a week	GRB	950	900	002 & 005
Main Branch	April - Dec.	Once a week	GRB	950	900	002 & 005
Spring	Jan Dec.	Once a week	GRB	, 950	900	002 & 005

Table 9. Parameters Measured in Upland Ecology Research

Litter Fall

Investigator: 002

Project code: LTR

Leaf number (by species*) number/m² = leaf

Leaf weight (by species) g dry wt./leaf

Leaf area (by species*) cm²/leaf - as is; with internal holes covered; with all holes

covered

Seed number (by species*) number/ m^2 - for some species by fruit and seeds (1)

Seed weight (by species*) g dry wt./seed - for some species by seeds only (2)

Miscellaneous other litter g dry wt./m² - for some species inedible fruit support or dispersal structure (3)

Station code	Time span	Time frequency	Technique code	Funding code
01 - 01 to 10	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
02 - 11 to 20	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
03 - 21 to 30	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004

Table 9. (Continued)

Litter Fall (continued)

Station code	Time span	Time frequency	Technique code	Funding code
04 - 31 to 40	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
05 - 41 to 50	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
06 - 51 to 60	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
07 - 61 to 70	Jan Dec.	Once a week. Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004
08 - 71 to 80	Jan Dec.	Once a week Once every two weeks from Jan July; once every week from Aug Dec.	062	001 & 004

^{*} Species code list on next page.

FOREST ECOLOGY STUDY

Species Code

1 Virginia Pine
2 Loblolly Pine

GYMNOSPERMAE

ANGIOSPERMAE

Pinaceae

Pinus virginiana Pinus taeda

Monocotyledoneae Dicotyledoneae		
Salicaceae Salix nigra Juglandaceae	3	Black Willow
Juglans nigra	4	Black Walnut
Betulaceae Carya tomentosa Carpinus carolena Betula lutea Ostrya virginiana	7	Hickory Hornbeam Yellow Birch Ironwood
Fagaceae Castanea dentata Quercus velutina Quercus stellata Quercus falcata Quercus alba Quercus palustris Quercus marilandica Quercus muehlenbergii Quercus prinus Quercus rubra Quercus phellos Fagus grandifolia Quercus coccinea	11 12 13 14 15 16 17	Black Oak Post Oak Spanish Oak White Oak Pin Oak Blackjack Oak Yellow Oak Chestnut Oak Northern Red Oak Willow Oak Beech
Ulmaceae Ulmus americana	20	American Elm
Magnoliaceae Liriodendron	21	Tulip Tree
Lauraceae Sassafras albidum Liquidambar	22	Sassafras
Styraciflua Platanaceae	23	Sweet Gum
Platanus occidentalis	24	Sycamore

Rosaceae		
Prunus cerasus	25	•
Prunus serotina	26	• • • • • • • • • • • • • • • • • • • •
Prunus avium	27	•
Prunus virginiana	28	•
Amelanchier arborea	42 39	
Fraxinus pennsylvanica Leguminosae	39	Red ASI
Robinea pseudo-acacia	29	Black Locust
Simaroubaceae	lea al	Didek Locust
Ailanthus altissima	30	Tree of Heaven
Aquilifoliaceae	• •	
Ilex opaca	31	American Holly
Aceraceae		·
Acer rubrum	32	
Acer negundo	33	Box Elder
Nyssaceae		
Nyssa sylvatica	34	Tupelo
Cornaceae	26	Dominad
Cornus florida Ebenaceae	35	Dogwood
Diospryos virginiana	36	Persimmon
Diospryos virginiana	30	Per S million
Juniperus virginiana	43	Red Cedar
Ouercus	44	
Carya glabra	45	Pignut Hickory
Red - Black Oak Hybrid	46	
Rhus radicans	47	Poison Ivy
Vitis vulpina	48	Winter or Chicken grape
Lonicern japonica	49	Honeysuckle
Campus radicans	50	
Partheno cissus	51	Virginia Creeper
Vitus labrusca	52	
Rubus occidentalis	53	Raspberry

37

40

Miscellaneous fragments

Total

Small mammal populations

Investigator: 009

Project code: SMM

Funding code: 001/004

Technique code: 063

Frequency: Monthly for consecutive days

Time span: May - December

Intensive sites studied: 001, 004, 005, 009, Poplar Islands

Key to Parameters Coded

Species:

1 = Peromyscus

2 = Blarina

3 = Microtus

4 = Sorex

5 = Mus

6 = Zapus

7 = Tamias

Capture status:

0 = New

1 = Recaptured, alive

2 = Recaptured, dead

3 = New, dead

4 = Escaped

Sex:

1 = Male

2 = Female

3 = Unknown

Age/color:

1 = Adult/brown

2 = Subadult/grey-brown

3 = Juvenile/grey

Reproductive conditions:

1 = Testes ascended

2 = Testes descended, small

3 = Testes descended. large

4 = Testes shriveled

5 = Mammaries, tiny

6 = Mammaries, small

7 = Mammaries, large

8 = Mammaries, w/milk

Pregnant:

0 = No

1 = Yes

3 = Unknown

Ectoparasites:

- 1 = Flea 2 = Tick
- 3 = Mite

Time of capture:

- 1 = Morning, 1st day
 2 = Afternoon, 1st day
 3 = Morning, 2nd day
 4 = Afternoon, 2nd day
 5 = Morning, 3rd day

Ant populations

Investigator: 009

Project code: ANT

Funding code: 001/003/004

Technique code: 064

Frequency: variable

Time span: May - December

Intensive sites studied: 001, 004, 005, 009, also transects south and east from 101

Understory Arthropods

Investigator: 009

Funding code: 001/004

Technique code: 065

Frequency: monthly

Time span: May - December

Intensive sites studied: 004, 005, 009

Leaf Litter Arthropods

Investigator: 022

Technique code: 066

Frequency: monthly

Time span: July - December .

Intensive sites studied: 004, 005, 009

Lawn Project

Primary production

Invertebrate populations

Investigator code: 005

Project code: TRF

Funding code: 001

Technique code: 067

Frequency: variable

Time span: September 15 - December

Intensive sites studied: 0010

Squirrel populations in intensive study sites 2 and 4.

Investigator: 002

Funding code: 001

Technique code: 068

Frequency: variable

Time span: February

Woodland bird populations in forest and old field sites.

Investigator: 012

Funding code: 001

Technique: see 1974 ESP Report

Time span: spring - early summer

Tadpole populations in swamp upstream of weir 101.

Investigator: 007

Funding code: 002

Technique code: not yet available

Frequency: weekly

Time span: spring

Sunlight - Incident Total White Light Intensities at CBCES Dock (map 2)

<u>Technique</u> - Detector was an Eppley precision pyranometer with a clear quartz dome mounted on the roof of the instrument shed at the end of the dock. Data points were recorded every 10 minutes.

<u>Principal Investigator</u>: Robert Cory, U.S. Geological Survey, Chesapeake Bay Center for Environmental Studies.

Research Funding: U.S. Geological Survey.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm²/day). January 1975.

a qu					Se O	Day of 1975					
of .	The second secon	a	m	₹	ស	9	_	∞	o	0	Estates Estates
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1400-1500	a. R	84.	9.	ë.	<u>~</u>	Š.	ರ್ಣ.	.29	0,	<u>~</u>	D.
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1900-2000		ender gestring de la service d	680	er filosopher ser en senten se en se e Gabi	Gadinacinquepropies con pagamango galanco salato s (888)	gering construction of the	carillabellabelli edilli e	encontratement and an antique of the	AND COLUMN TO THE PERSON OF TH	020	cuma di decentra del confessione del confessio
Total	0.89	247.2	79.8	123.6	244.2	9.171	225.0	123.0	240.0	35.6	78.6
	S v	value includes some estimated hours val	אר אינע דיין דיין דיין	200				•			

value includes some estimated hourly values.

Table 10. January 1975. (Continued)

\ 3 0 1					Day	Day of 1975					
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1800-1900	de de	ĝ	8	8	ä	809	g	g	8	8	8
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Tota Ca	80.00	<u>ق</u>	255.6	228.0	7.70	8	С М	25	32.	36.	2.

value includes some estimated hourly values.

Table 10. January 1975. (Continued)

Hour					Da	Day of 1975				
of Day	23	24	25	26	27	28	29	30	31	
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0020-0090	1	t	1	ı	ı	1	ı	1	ı	
0080-0020	.00	.07	ı	. 05	.03	.02	.02	.04	.04	
0060-0080	.12	.28	.02	.22	.26	90.	8	.25	.05	
0001-0060	.29	.57	• 05	.49	.47	91.	.46	.49	.05	
1000-1100	٠.	29.	e lesco lesco	.54	99.	.24	29°	.64	.07	
1100-1200	99°	92.	.30	.47	.77	39	.65	.73	60°	
1200-1300	.73	.78	.19	.75	.79	. 55	.76	.80	(°08)	
1300-1400	.77	.70	90.	.72	.72	.49	.46	.56	(.09) ^a	
1400-1500	. 52	.53	.05	.57	.57	.38	.33	68.	*08	
1500-1600	. 25	36	0.	2	.36	en en	40	6.	.05	
1600-1700	.10	.08	.02	90.	.15	.10	.13	.05	.03	
1700-1800	1	ı	ı	ı	1	5	.01	ı	ı	
1800-1900	ı	1	ì	F	1			8	ı	
1900-2000	1	1	1	1	ı	ı	8	1	8	
Total	234.0	288.0	51.0	244.8	286.8	163.8	244.2	248.4	37.8	

a value includes some estimated hourly values.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm 2 /min.) and Daily Totals (g cal/cm²/day). February 1975.

S					2	Day of 1075					
o o t	. 32	33	34	35	36	37	38	39	40	41	42
0200-0600	8	J	ŧ	ŧ	ž	1	ŀ	8	I	ı	ł
0000-0090	ı	8	ı	1	ŧ	1	8		8	1	ŝ
0700-0800	8	1	.02	.02	ō	.02	0.	, 50.	8	90.	Q
0800-0000	.00	2.	9.	.10	.05	.08	.26	. 29	.12	.32	.04
0900-1000	.02	.07	.34	6.	in En	. 17	S.	.57	r.	.58	.20
1000-1100	.04	.20	(.54) ^a	.24	.26	.32	99.	17.	80.	.76	.50
1100-1200	90°	.23	.63	.23	.26	.70	. 68	98°	-	.86	. 63
1200-1300	90°	.40	.80	8.	.29	.87	.64	06°	្រួ	88.	.77
1300-1400	.00	.37		<u>ب</u>	.27	99.	ر ى د	ထိ	.27	Φ.	. 56
1400-1500	.00	.29	.73	0	.20	.41	.61	99°	00	. 58	.47
1500-1600	90°	.20	.47	.05	5	.20	.43	.46	91.	.26	. 23
1600-1700	.04	60°	.25	ē	40.	90.	.29	9	9	60°	0.
1700-1800	.02	ı	.03	ı	ı	ı	.01	.02	.02	1	î
1800-1900	ı	•	ı	t	ı	1	1	i	ı	8	ŧ
1900-2000	8		3	8	8	3	0.0			1	Hara sagara sa antang di sagara sa dali na dal
Total	27.0	113.4	284.4	76.8	100.8	208.2	270.0	336.6	109.2	312.0	207.0
a value inc	Judge come	, actimate	value includes some estimated bounds values	201161							

a value includes some estimated hourly values.

Table 10. February 1975. (Continued)

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	43	T T	45	46	47	48	49	20	S	52	53
0200-0600	ı	ŧ	ı	ı	1	1	î	ŧ	8	8	as a
0000-0090	ŧ	t	t	i	t	ı	t	ı	ı	.01	0.
0700-0800	ı	.02	.07	.00	.04	ı	I	ı	foresse foresse	.21	۲۲.
0800-0080	ı	.25	0	2	<u>o</u>	.04	30		36	9.	e de la companya de l
0000-10060	i	93.	. 55	.36	.33	.03	.12	.48	9.	. 68	99.
00011-0001	ı	.54	.80	A. franchischer	.38	.05	.12	.82	.83	.86	. 85
1100-1200	ı	.85	94	.52	.35	.18	60.	.86	96.	96.	96.
1200-1300	90.	96.	.94	<u>ښ</u>	.29	.07	.05	.84	96°	. 98	9
1300-1400	80	.87	.86	1.	9	ō.	70.	.87	8.	900	6
1400-1500	91.	.71	.70	.21	60.	.02	.07	.54	.67	.73	.79
1500-1600	.26	.48	.43	. 17	.02	ı	.02	.35	.50	.50	.52
1600-1700	.10	.21	£.	90.	t	ı	.00	_	.25	.28	.26
1700-1800	i	.02	.02	1	1	i	8	.02	0.00	.07	.07
1800-1900	ŧ		t	ı		1	3	ı	8	ŧ	1
1900-2000	9	8	9	P8	C C	1	•		8	1	8
	39.6	330.0	337.2	138.6	0.	24.0	34.2	299.4	372.0	400.2	396.6

Table 10. February 1975. (Continued)

					Š	3501 3-
Hour					nay	01 1970
of Day	54	55	56	22	28	59
0200-0600	1	1	8	1	ŧ	1
0020-0090	ı	1	ı	1	5.	.01
0700-0800	e.	5.		5	.08	.15
0060-0080	.03	.03		.47	<u>o</u>	. 50
0000-10060	.02	.12		.74	.48	.76
1000-1100	0	2		76.	92.	98°
1100-1200	.04	.17	ATAO	1.04	9.	69°
1200-1300	9	(.19) ^a	I ON	1.07	.63	06°
1300-1400	.17			8	. 52	. 64
1400-1500	. 28			.84	.48	09.
1500-1600	.10	ATAG		·61	.36	95°
1600-1700	.08	ON		£6.	.27	. 28
1700-1800	.00			0.08	.08	90.
1800-1900	1	1	ı	8	ı	
1900-2000	1	•		. 8		
Total	53,4			438.6	255.6	0.098

a value includes some estimated hourly values.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm 2 /min.) and Daily Totals (g cal/cm²/day). March 1975.

Hour					Day	Day of 1975					
of Day	09	61	62	63	64	65	99	29	68	69	70
0200-0600	ŧ	\$	ı	1	ı	ı	ı	1	ı	1	1
0020-0090	. 02	0.	.02	.03	.03	.02	.02	.02	.04	Ö	8
0700-0800	.24	.17	2	.24	.27	9	.10	61.	.27	90.	90.
0800-0080	ů.	ភ	8	.52		ry.	. 29	.52	92.	.22	٠. س
0000-10060	.76	.62	.76	.72	.70	.77	.45	.78	. 83	5	36.
1000-1100	.88	.43	66°	66.	.95	36.	. 68	. 55	1.02	.18	.38
1100-1200	1.06	.32	86°	66.	. 98	1.06	.42	.77	1.14		38
1200-1300	\$8.	<u>e</u>	D.	larce larce	9	1.07	00		9	~	. ·
1300-1400	96.	.45	.62	1.08	.95	.98	.18	. 54	1.08	01.	.47
1400-1500	.59	.53	.68	.89	.79	.84	.12	99.	. 93	60°	.39
1500-1600	.38	8	.34	.54	.55	. 64	61.	.61	69°	.05	.30
1600-1700	2.	<u>r</u>	. 50	m	.27	34	garan Paran	.24	7.	.03	
1700-1800	.03	0.	.0.	.08	.04	60.	90°	60.	7.	ı	.03
1800-1900	3	ŝ	8	1	1		t	ı	ı	1	
1900-2000	8	1	0	1	1	8		900			9
Total	390°6	222.0	342.6	452.4	423.6	446.4	169.8	348.0 4	496.2	74.4	183.0

Table 10. March 1975. (Continued)

100			e die selection de la constitució de la constitu	вого придерей деренизарушней реколого денего выполняется в	Da	Day of 1975	sjennstmar (den sett greep) saptiment boot dester georgeon				одине в применения
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0800-0080	~	<u>o</u>	8.	97.	. 28	iner (D)	5.	8.			(Y)
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Total	55.	78.0	28.	325.2	240.6	9.	362.4	37.5		ر م م	8
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a value includes some estimated hourly values.

Table 10. March 1975. (Continued)

Hour					Day	Day of 1975			mende exemple exemple de de complete de construcción de desde de desde de desde de desde de desde de desde de d	
of Day	82	83	84	85	86	87	88	89	06	
0200-0600	I	8	ı	ı		ı	î	ı	1	
0000-0090	.12	6.	.05	.12	.14	0.	.02	.02	.17	
0700-0800	.42	\$0.	.32	. 29	.43	.07	9	.05	.46	
0800-0080	.64	90.	.68	8.	.73	· @	e.	g g	74	
0000-10060	06.	0	6.	.46	.84	.24	.36	.18	66.	
1000-1100		<u>r.</u>	1.09	.53	. 68	. 88	.39	.14	1.16	
1100-1200	1.12	.27	.79	. 85	09°	. 86	.49	.34	1.25	
1200-1300	1.21	.36	.55	8	.77	.98	.34	.43	1.26	
1300-1400	legure e legure legure	2	bern tern	1.03	1.05	.82	S	.50	<u>(</u>	
1400-1500	en 60.	60.	.73	06.	Θ.	.7	.43	30	66.	
1500-1600	29.	.02	.52	.76	.47	.68	.23	.18	9/.	
1600-1700	.39	20.	.21	.44	.31	.33	<u>.</u>	.04	.47	
1700-1800	e Leaves Summer	.03	.08	<u>د</u>	.07	.08	.07	.01	91.	
1800-1900	ı	ı	8	ı	ı	1	1	t	8	
1900-2000	8		1	9	3	8	88	•		
Total	523.8	81.6	426.0	399.6	414.0	363.0	190.8	137.4	573.6	

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Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm²/day). April 1975.

Hour					Day	Day of 1975		-			
of Jav	5	92	60	94	9	96	25	98	66	301	5
0200-0020				50.	.02	.02	.01	ē.	.00	ı	.02
0000-0090	2	poses:	Ö.	.20	.12	.21	91.	00	.22	90.	Ö
0700-0800	.40	.46	.03	.50	.37	.50	.40	.48	Į.	5	.37
0800-0080	.75	.73	A. Sum	.80	.64	.78	.49	.78	.82	.29	.64
0001-0060	76.	96.	.76	1.05	.83	.03	O	1.03	50.	.24	2
000-1100	1.15	<u>.</u>	1.28	2	1.28	.2]	.68	1.20	1.22	<u> </u>	.67
100-1200	1.24	1.21	. 94	1.29	1.47	1.30	ಕ್ಕ್	e	. 32	.40	.57
200-1300	1.24	1.21	.87	1.28	1.30	1.30	.48	1.30	£.	49	. 59
300-1400	kum e kum fu	Spring 6 Second Second	56.	80	1.29	1.20	že.	1.20	laces o C	.80	.65
400-1500	66°	.93	.70	66.	.83	1.03	.36	1.04	84	76.	66.
500-1600	11.	69.	.42	r.	.67	.77	ro ro	8	.6	.74	. 7
0021-009	.48	7.	9	.45	.39	.47	.31	į,	.29	44	.42
1700-1800	91.	7	90°	LO pero o	9	2	.15	.17	60°	.17	
800-1900	â	t	ı	ı	ţ	1	.01	ГО.	2	ı	.01
900-2000	60	8	*		Security and the second se	8	8	8		820	
Total	564.0	549.0	394.8	591.6	561.0	596.4	303.6	9.009	572.4	298.2	390.6

Table 10. April 1975. (Continued)

For					Da	Day of 1975					
of Day	102	103	50	5	901	B	80	60	2	Garages Garages	tem tem
0090-0050	Ĉ.	S.	e.	8	8.	.04	Š	900	50 *	5.	70.
0000-0090	general general	9	80	Ş	e Col	S.	22.	90.	2.	. 26	97.
0700-0800	4 .	i,	<u>.</u>	9.	No.	T.	Ä,	e E	I.	S.	S
0800-0080	S.	S.	<u>ක</u> ත	9.	8	có W	0	m M	8	00 5.	\$.
0001-0060	0 4	.62	5	<u>_</u>	S.	(1.06)a	9	5)	0	8.	9
0011-0001	7.	0	<u>~</u>	2	5	e como	2	Ľ?	lenne o lenne dep	. 79	.27
100-1200	e.	о. С	9	0	9	(T)	96.	97.	9.	(1)	ő,
1200-1300	36.	ō.	Period Services	5.	Samesas Samesas Samesas	(*) -	4. 73	e karen	-	(1)	S.
1300-1400	6 bearson bear	2.	8	~	Š.		ش		8	r.	99.
7400-158	, , ,	8	9.	5	97.	5	on on	e Emiro	Ō.	5	émen émen émen
1500-1600	S	Ľ.	35.	60	r.		04.	82,	8.	ట	. 28
7009	Ľ)			8	54.	S	Ċ.	5.	S.	ę.	<u>©</u>
1700-1800	9	<u>e</u>	e,	,	8	2,	5.	20.	. 25	25.	.07
1800-1900	8	Ö,	ŧ	98	0	5	8	98	Š.	20.	î
1900-2000	er Colonia de La Calenda de La	880 Retriggened was ground general programment over	e e essale di socializzazione del construcción del constr	GNU	e e e e e e e e e e e e e e e e e e e	80	6989		eradina jest je na odnovana dnje menjelji njednjego plovini jeji za jedno Gasti		disk dynamic medicine, constant and constant
Tota	532.2	25 20 80	520.2	8.	2 8 4	618.6	0.80	162.0	0.909	649.8	364.8

a value includes some estimated hourly values.

Table 10. April 1975. (Continued)

					ć	197 of 1978		
2 to 2	Secretary Secret		LO _	<u></u>		8 2	5	120
0200-0090	40.	03	GRAND CONTRACTOR OF THE CONTRA	(IN)	9.	20.	ge.	.00
0000-0090	C,	2		9	9	87	ë	Securior Sec
0080-0010	Š.	<u>თ</u>		ď.	Ġ	<u>~</u>	8	Φ •
0060-0080	>	80	Company of the Compan	.85	ထို	9	in the second se	.52
00001-0060	o.		ATAG	0	branco e busers		\$ C.	.45
000-11000	O		ON	28	. 29	8.		88
100-1200	e Çi	G.		33	8	ç	8,	.87
200-1300	beam 6 fearer	ATAO		ر س س	<u>.</u>	8	8	. 56
300-1400	80.	ON		2		pene a	٠ م	12.
400-1500	89.		Ť.	general general	80.	ine: Of	S S	.37
200-1600	£.		(Y)	.87	in the second se	(<u>)</u>	Leans Enja	84.
0071-009	. 24		9	92,	Å.	6.	<u> </u>	.17
700-1800	80		.02		LO	70.	89.	O
0061-008	9	â	99	6	80.	8		.04
900-2000	endina ajamulistyvalinudijyys ajamaja majamaja menemidijys i	enakanako errikusa akare eraka e		en e	. 500	enthic flavore of the	te de la comunicación de la comu	
Tota Tota	502.8			637.8	632.4	9202	9	315.0

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm 2 /min.) and Daily Totals (g cal/cm²/day). May 1975.

Hour					Da	Day of 1975					
Í	121	122	123	124	125	126	127	128	129	130	131
0400-0500	8	8	i i	1	- 3	8	I	ı	ı	8	1
0200-0600	1	.00	.04	. 10.	i	0.04	6 leans leans	games grave Ø	.04	.07	g America America
0020-0090	.01	.05	0-	.02	90.	.22	.37	.35	.12	.22	.34
0080-0020	.02	60.	39	.03	91.	.27	39		6	\$3.	.64
0060-0080	9.	.17	77.	.04	.13	.71	.62	e(06°)	.43	6.	.88
0001-0060	90*	.24	.98	60.	.14	1.06	.49	e turne ferme	.76	keese lases fundo	1.08
1000-1100	2	04.	1.23	ee.	. 42	1.22	1.03	1.29	.27	1.27	1.23
1100-1200	.24	69.	1.28	.51	.20	1.31	1.34	1,35	.48	1.27	00.
1200-1300	.22	.57	1.16	.63	.23	1.34	1.37	1.30	.64	1.31	38
1300-1400	5	.77	.87	- 2	.29	1.16	1.24	1.03	19.	7.	. 22
1400-1500	٠.	1.07	.77	.95	.64	. 94	1.09	76*	.46	1.06	1.03
1500-1600	Separate Separate	.72	.46	. 64	.82	. 65	.54	.80	.26	.82	.76
1600-1700	0.08	. 55	.21	e Empo haman	.51	posino promin 8	. 14	.50	-	.57	က်
1700-1800	.03	.26	90.	.22	.19	7	.17	91.	90.	. 28	.21
1800-1900	6.	.04	5	90°	.04	.02	.04	.04	.00	90.	.05
1900-2000		78	1		•	8	1	65	3	9	
Total	75.6	337.8	496.2	303.6	229.8	551.4	552.6	635,4	268.2	645.6	631.8

a value includes some estimated hourly values.

Table 10. May 1975. (Continued)

			i.	Da	Day of 1975	00.5		O. F.	CV F	CVE
133 134	134	- 1	135	136	137	138	139	140	141	142
1	1			ı	1	ı	1	1	1	5
60. 20.	60°		60.	0.	0 lume house	.07	.05	0.	60.	0
.09	5		w. ru	ું.	33	7	.19	33	.25	.32
. 29 . 63	. 63		.62	.07	99°	.43	.38	.61	5.	(.61) ^a
.72 .88	88.		.67	<u>e</u>	.73	.46	76.	88.	8.	
.85	laura 0 laura laura		.83	.26	1.09	.86	66.	bares e bases ferore	86.	AT
1.27	1.27		9	8	9.	.46	.80	1.28	lean lean	AG 0
1.43 1.34	1.34		1.00	11.	.73	1.03	1.27	1.34	.63	N
.77 1.34	35		5.	ω.	<u></u>	1.24		1.32	 	
.50 1.21	1.21		.85	69.	.42	.49	1.03	1.21	1.21	$(1.12)^{a}$
.08 1.03	1.03		· 64	.89	<u>ش</u>	.42	.77	.6	.03	(.95) ^a
77. 60.	.77		.24	69.	.36	38	.83	19.	.79	.70
.21 .52	.52		. 12	.38	.27	930	សំ	(r) (r)	64.	9 %
.37	.21		.07	.26	.20	80.	.27	.26	.17	.07
.00	.07		.03	90.	.07	.02	90°	.07	.04	ı
	ı					1	1	1	1	8
Total 467.4 391.2 649.2 451 value includes some estimated hourly valu	649.2 4 ed hourly va	4 Va	451.2 /alues.	337.8	397.8	382.8	564.0	624.0	573.0	

Table 10. May 1975. (Continued)

143	745	4 7	146	Day	Day of 1975	64	22	ro.
;	2		<u>-</u>	}		Ĉ '	2 .	- -
01. 90	90.		.03	. 2	3	.15	.05	• 03
.12 .23 .04	•00		60°	32	7.	.37	01.	01.
.63 .39 .08	.08		. 29	.62	.70	.67	32.	71.
.90 .72 .07	.07		.55	.87	76.	.85	.49	.26
70. 70.1 60.1	.07		99.	in the second se	1.20	basen o ferror exp.	.71	.52
1.24 1.20 .06	90°		.54	r.	1,34	1.24	62.	.67
1.32 1.28 .09	60.	,	<u>.</u>		1.43	1.24	ភេ	. 85
1.30 1.32 .09	60°		1.22	1.26	1.39	1.24	.57	66.
1.22 .39 .07	.07		1.17	1.19	1.30	1.32	.53	.83
60. 70. 60.1			[0.	.73			76.	١٧.
.82 .09 .06	90°		.71	.29	<u>o</u>	68	200	. 50
.51 .14 .04	.04		.47	0.	. 59	.47	ភេ	.48
.24 .21 .02	.02		.21	.08	.33	. 20	<u>e</u>	. 28
.00 90. 90.	ē		.03	2	.12	.08	60.	.05
	8			ß	1		8	1
633.6 436.2 51.0 49		46	490.2	550.2	720.0	658.8	379.8	386.4

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm²/day). June 1975

Op/Op/Op/Op/Op/Op/Op/Op/Op/Op/Op/Op/Op/O	Hour					Day	Day of 1975					
- .01 - .02 .01 - .01 .02 .01 - .01 .02 .03 .03 .04		152	153	154	155	156	157	158	159	160	191	162
.04 .16 .19 .12 .06 .15 .16 .16 .17 .12 .06 .15 .16 .16 .16 .16 .16 .16 .16 .16 .16 .17 .17 .12 .32 .39 .41 .43 .43 .43 .32 .32 .39 .41 .43 .44 .43 .44 .103 .103 .104 .116 .14 .126 .129 .126 .126 .126 .126 .126 .126 .126 .126 .126 .129 .126 .129 .126 .129 .126 .129 .126 .126 .126 .126 .126 .126	00500	88	5.	8	.02	5	8	ō	10.	0	6.	.02
.03 .42 .36 .43 .32 .32 .34 .43 .43 .44 .43 .44 .44 .44 .44 .44 .44 .46 .46 .46 .48 .103 .103 .104 .116 .48 .103 .103 .104 .116 .104 .116 .103 .103 .103 .103 .103 .103 .103 .103 .103 .103 .103 .103 .103 .104 .104 .104 .103 .103 .103 .103 .103 .103 .103 .103 .103 .103 .104 .103 .103 .104 .103 <td< td=""><td>0090-0</td><td>.04</td><td>16</td><td>0.</td><td>.17</td><td>- 2</td><td>90.</td><td><u>.</u> ت</td><td>r.</td><td>9.</td><td>9</td><td>.16</td></td<>	0090-0	.04	16	0.	.17	- 2	90.	<u>.</u> ت	r.	9.	9	.16
.09 .70 .62 .70 .61 .67 .67 .68 .69 .70 <td>0020-0</td> <td>.03</td> <td>.42</td> <td>.36</td> <td>.43</td> <td>.32</td> <td>.32</td> <td>.39</td> <td><u>.</u></td> <td>.43</td> <td>.43</td> <td>.35</td>	0020-0	.03	.42	.36	.43	.32	.32	.39	<u>.</u>	.43	.43	.35
15 .97 .79 .95 .31 .93 .95 .94 .99 .94 .99 .99 .99 .99 .99 .99 .99 .99 .90	0080-0	60°	. 70	.62	.70	ದ್	.67	.67	.68	69.	69.	. 56
.21 1.18 .91 1.16 .48 1.03 1.03 1.04 1.16 .85 1.26 1.29 1.03 1.04 1.16 1.25 1.26 1.29 1.03 .70 .92 1.05 1.25 1.25 1.25 1.26 1.26 1.29 1.27 1.29 1.26 1.25<	0060-0	r.	76.	.79	. 95		69.	.95	5 .	\$6.	Ŝ.	.80
71 1.34 11.07 11.30 19.03 17.03 17.04 17.05 17.30 17.05 17.05 17.05 17.05 17.07 17.19 17.41 17.25 17.30 17.27 17.19 17.41 17.25 17.31 17.25 17.31 17.25 17.31 17.25 17.31 17.32 17.	0001-0	.21	kenun 0 kenen CO	16°	9[.	. 48	1.03	1.03	1.04	1.16	8.	1.00
.64 11.41 11.25 11.36 11.26 11.39 11.24 11.25 11.39 11.25 11.31 11.25 11.31 1	0-1100	٠.77	1.34	1.07	1.30	66°	1.03	.70	.92	1.05	1.25	1,23
78 1.38 .69 1.41 1.28 .61 1.54 .80 1.01 1.31 .56 1.28 .19 1.39 1.39 1.06 .49 .69 .99 .43 1.12 .64 .98 .97 .77 1.02 .34 .60 .89 .47 .90 .88 .76 .42 .69 .89 .52 .89 .76 .78 .50 .61 .59 .57 .72 .72 .72 .78 .78 .78 .78 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70	0-1200	.64	1.41	1.25	1.39		1.39	1.27	<u> </u>	2.	1.25	1.27
.56 11.28 .19 11.39 11.39 11.30 11.30 .109 .139 11.00 .199 .199 .199 .190 .199	0-1300	.78	۳. ش	69°	hecon o Aps	. 28	©.	1.54	.80	0.	<u></u>	69.
.43 1.12 .64 .98 .97 .77 1.02 .34 .60 .89 .89 .89 .89 .89 .89 .89 .89 .78 .78 .78 .78 .78 .78 .78 .78 .78 .78 .78 .81 .81 .81 .81 .81 .81 .81 .81 .81 .81 .81 .81 .81 .81 .82 .81 .82 </td <td>0-1400</td> <td>.56</td> <td>1.28</td> <td>.19</td> <td>1.34</td> <td>1.09</td> <td>1.39</td> <td>1.06</td> <td>.49</td> <td>69.</td> <td>. 95</td> <td>.5]</td>	0-1400	.56	1.28	.19	1.34	1.09	1.39	1.06	.49	69.	. 95	.5]
.47 .90 .88 .76 .42 .69 .89 .52 .85 .78 .50 .61 .59 .57 .32 .67 .42 .58 .62 .61 .15 .32 .31 .22 .16 .32 .37 .38 .32 .27 .07 .08 .08 .06 .04 .04 .11 .09 .08 .10 .289.8 .712.8 .508.8 .687.6 .496.8 .595.2 .634.8 .512.4 .601.2 .632.4 .424	0-1500	.43	1.12	.64	86°	.97	.77	1.02	.34	09.	68°	4
50 61 59 57 32 67 42 58 62 61 .15 .32 .31 .22 .16 .32 .37 .38 .32 .27 .07 .08 .08 .06 .04 .04 .11 .09 .08 .10 289.8 712.8 508.8 687.6 496.8 595.2 634.8 512.4 601.2 632.4 424	0091-0	.47	06°	80	92°	.42	69.	68.	.52	.85	. 78	6 Lunco Lunco
.15 .32 .31 .22 .16 .32 .37 .38 .32 .27 .07 .08 .08 .06 .04 .04 .11 .09 .08 .10 - - - - - - - - - 289.8 712.8 508.8 687.6 496.8 595.2 634.8 512.4 601.2 632.4 424	-1700	.50	.61	. 59	.57	.32	.67	Z .	ů.	.62	9	r.
.07 .08 .06 .04 .04 .11 .09 .08 .10 - - - - - - - - - - 289.8 712.8 508.8 687.6 496.8 595.2 634.8 512.4 601.2 632.4 424	0-1800	. 5	.32		.22	.16	.32	.37	38	.32	.27	.07
289.8 712.8 508.8 687.6 496.8 595.2 634.8 512.4 601.2 632.4	0061-0	.07	. 08	.08	90°	.04	.04	games games	60.	.08	9.	.02
289.8 712.8 508.8 687.6 496.8 595.2 634.8 512.4 601.2 632.4	-2000		•		8			2			8	1
	tal	289.8	712.8	508.8	9.789	496.8	595.2	634.8	512.4	601.2	632.4	424.8

Table 10. June 1975. (Continued)

Hour					Day	y of 1975					
Oof Day	163	164	165	99	167	168	69	170	incon Language	2	2
0400-0200	88	8	Ō	Ö.	5.		Ō	Ć.	Ĉ.	0	8.
0500-0600	8.	5	<u>e</u>	2	S	8	0	Person o	8	S.	<u>o</u>
0000-0090	\$	T.	9	9	C.	<u>\$</u>	¥2.	ښ. ص	8.	4.	graces Sign
0700-0800	ë	69.	S.	8.	6 24 24	4.	S.	6	99.	2	ě
0060-0080	9.	96.	90	6.	r.	S.	Ÿ.	. 89. 60.	6.	8.	000
0000-10060	e feens		6	Banarro o Soranzo (A.)	<u></u>	φ. Φ	9	8	, (3)	bewone e co	on 0 -
-00	(T)	8.	leen CA	~	9	logram • logram logram	2	2	۳ ۳	et C	© 7.
1100-1200	C?\ person	~	E.	<u>-</u>	8	٠. ج.	~ ~	2.	<u></u>	4.	9
1200-1300	(# T		LO C)	9	C,	7	52.	70.	herene Second	Section (Section)	0
300-1400	<u>~</u>	2	S.	4	<u>©</u>	2	9	Φ.	e.	3.3	
7400-1500	0 General Basers	\$	5	5	R	5		99.	8.	leans o trees	Suzzena Gazzana Engezena
1500-1600	<u>~</u>	ठं	©.	6	9	<u>.</u> ش	59.	4.8	8	ō	<u>ح</u>
1600-1700	6.	4.	6.	5	D .	9.	e femino	2.00	09.	89.	79.
1700-1800	80.	C.	S.	ri ri	e.	8.	0.	0.	~	S.	5
1800-1900	9	60 Bergerasi Bergerany	6	0	Eggener Eggener Eggener	5	8	ŝ	9	<u>9</u>	gessen gesten 8
1900-2000	COMPANY DE L'ANNE DE L'ANN	den Standard (Secondard Secondard Se	editerative de la constitución d	SABO	ODC.	edilleselles et esperie de color col	See	OME	ia P _{ere} cytonogan olawydy'r colwegia ta diatatrifficad Geo	5	DEC.
Total	8	642.0	634.8	686.4	4.794	0.009	5. 2. 4.	540.0	653.4	728.4	9.969

a value includes some estimated hourly values.

Table 10. June 1975. (Continued)

Hour					Da	Day of 1975			
Day t	5	72	2	<u> </u>	8	179	08	∞	Grand and the color of the colo
0400-0200	C.	Ö	8	į	Ř	ĝ	i	í	
0200-0600	e keen (A.)	9	8	C)	\$	9	0	60.	
0000-0090		8,	\$ Second	40.	2	2.	₹.	2.	
0700-0800	39.	Ī,	98.		<u>e</u>	Q.	2.0	80	
0800-0080	80	99.	89.		8		CV.	w. ro	
00001-0060	5	S.	8.		9	.92	7.	.70	
1000-1100	5.	Sements (0) Sements Sements		52.		(A)	8.	60.	
1100-1200	<u>ر</u> س	2	£2.	⇔	. %	9	2	bears to the second of the sec	
1200-1300	m m	~	- 26	. 9	4	98.	<u>.</u> ش	lume c.,	
1300-1400	.25	(4,)	genous genous g	Ç	S.	General Control Contro	5	5 0°.	
1400-1500	90.1	6	9.	2.	F.	22.	£.	kween e kenna (_{Ab})	
1500-1600	eo.	ŗ.	Φ.	en en	.	r.		. 92	
1600-1700	က္ခ	Ľ.	.52	£.	9	89.	\$°.	.65	
1700-1800	w. Leann	.23	G Resource Services	<i>5</i> 7	9.	04°	8.	.35	
1800-1900	9	ganum) ganuman	30.	9	89.	bern (4.)	S	inen G	
1900-2000	0		nsich verfein went zeiche Großen ernne sebes des Gebeite werden. Geb	de administration de la constitución de la constitu	ACO TO A SECURITY OF THE PARTY	5	Ō	.01	
Total	670.8	569.4	568.2	231.6	98.0	576.6	457.2	565.8	
a value includes some estimated hours values	udes some	T CEL		odi Lev					

a value includes some estimated hourly values.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm²/day). July 1975.

Ę		BOOKS AND THE CONTRACTOR OF TH	geefin nacija n, qelqo, njja n (ozyja nakozajdeoglegojdg nacigent	temişmenoğram (ila mahası esideni kilik veziti Cerahlan dal	ğ	Day of 1975	erden wellen in Observänsten die Greiffen Leitzen dem Anges	сындың артардардың танасы білетте, айнасы Меренді			Casa California Espacione al loca del Grafia (del Gallado)
of Day	182	20	18	\$	2	8	8	තු	8	<u></u>	192
0400-0200	ē.		all e	Ō.	ŧ	e e		C)	ı	§	8
0090-0050	2	,	<u> </u>	@ Season	Season Season	9.	8.	0.	89	ŧ.	۲) د
0000-0090	Ö,	9	(T)	Ś	&.	C.	, (2)	<u>.</u>	67.	•	LO para
0700-0800	8.	6	D.	8.	r.	©.	T,	C C	9	9.	00
0060-0080	S.	ę.	98.	9.	S.	5	T.	di Series	~	ATAC	
0001-0060	2.		8	70.	\$	Source Source Source Colps	, ()	0	S.	I ON	2.
0011-0001	<u>~</u>	Secretary CAS Secretary	2	~	\$.		7		s.	, , , ,	ಕ್ರ
.1100-1200	70	m -	lamon a (L) lamon	8	2	e .	£.		7.	2	
1200-1300	99	4	~ ~ ~	8	5	95.	.72	(Q) (M)	6	<u>e</u>	2.
300-1400	r.	6.00 (L)		w.	8.	80.	\$	<u>~</u>	5.	~	89.
1400-1500		laces g learn	0	4.		8		er.	In.	5	on G
1500-1600	0	8.	5.	. 23	G.	80.	ر. ري	es.	0,	S.	27.
1600-1700		\$.	Çeven Qi	72:	©.	G.	.40	rů Ø1	LC) www.	Z.	9.
1700-1800	a.	© Emerica Emerica	Š.	2.	œr.	R.	(3)	87.	669	Ş	9
1800-1900	9	~	8.	~	6 Secure Secure	8	5.	8	I	5	20.
1900-2000	6	5	en e	CARD	0	(88)	a Mary and Associated Company of the	mdy ministrate from the internation of the stage of the second colors of the stage of the second colors of the sec		gestalina de celebral y registra de Celebral de Celebral de Celebral de Celebral de Celebral de Celebral de Ce	GARAF SERVICE
Total à value incl	738.0 includes some	724.8 estimate	724.8 602.4 486 estimated hourly valu	486.6 values.	653.4	586.2	330.6	540.6	436.2		377.

Table 10. July 1975. (Continued)

	. 203	ŧ	.04	.26	. 45	ထို	6.	1.23	1.37	.79	1.25	favora o favora	5	ro ro	.35	<u>.</u>	3	619.2
	202	ı	.08	e.	9.	.83	0	<u> </u>	1,39	36	6	50.1	.73	ry.	. 28	.07		642.6
	201	98	60.	(J)	92.	8	66.	20	1.31	8.	1.15	.27	.18	Tr.	0.	60.	E S	504.0
	200	5	9	.23	38	. 28	.41	70.	form form (A.)	Ö.	88.	9.	. 59	.62	.30	.08	6	464.4
	199	I	.07	.23	.37	9.50	90.1	lucras o lucras (A.)	1.18	.68	92.	96.	.95	9.50	.30	.07		536.4
Day of 1975	198	5	90.	<u>ភ</u>	.38	9	. 59	.79	74.	6.	.57	69.	09.	8	.27	.04	•	378.0
Day	197	8		.40	.55	90	.55	Lt.	1.00	.52	.47	60°	.10	.21	.19	0.	99	322.2
	196	1	.08	. 23	. 65	52	.78	, 22°	.89	1.25	.28	94.	.57	.21	.08	.04	99	435.6
	195	800	50.	.03	.29	. 29	. 59	9.00	.49		99*	.73	.77	.42	91.	.04	3	337.2
	194	8	,	. 04	.05	7.	.19	7	60°	r.	.26	.23	.28	.22	.05	. 90°	8	113.4
	193	8	90.	0	.32	. 28	<u>6</u>	.57	.76	1.	91.	.45	.79	.64	.25	.07	B	348.0
Hour	of Day	0400-0500	0200-0600	0020-0090	0700-0800	0800-0900	0000-1000	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1800	1800-1900	1900-2000	Total

Table 10. July 1975. (Continued)

				Day	Day of 1975				
204	205	206	207	208	209	210	211	212	
.01	8	92	1	ŧ	8	8	ı	1	
.08	• 05	.04	.12	01.	90.	60.	.08	60.	
.33	.12	4	.37	.35	.18	. 33	.29	.33	
.61	.27	.52	.67	.62	ŗ.	5	.57	9	
98.	.71		.95	.91	11.	68.	.87	(.88) ^a	
1.09	00.			1.13	.96	1.12	berra fecue fecue	(°,98)	
1.24	9	.63	1.33	1.3	1.16	1.29	1.27	(1.07) ^a	
1.32	1.35	.39	4.	1.37	. 93	.37	1,35	1.27	
1.29	70.	. 50	1.40	.38	80.	1.36	رم د د	(A.) brown	
1.23	1.17	.37	د .	1.28	1.20	1.27	1.27	1.25	
1.07	.87	.48	Second 6 Second 6	1.08	.75	1.10	layers 6 feares feares	0	
.83	.67	.35	.91	. 85	.68	.87	.87	.87	
. 55	. 53	, e	.63	.57	.27	09.	. 59	09°	
0	0	.00	.35	.30	0	E	n.	.32	
• 04	.02	.03	60.	.07	.08	.07	90.	60°	
1		i i	ı	18	98	92	1		
644.4	543.0		710.4	679.2	522.0	8.929	0.999	646.2	
value includes some	estimated	estimated hourly valu	/alues.						

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm 2 /day). August 1975.

Hour					Day	Day of 1975					
of Day	213	214	. 215	216	217	218	219	220	221	222	223
0200-0600	.05	.05	.04	.03	.02	.02	0.	.07	.02	.03	1
0000-0090	.25	.25	.25	garante graterica •	.23	- de Ensemen Remeren	- A Economic Economic	<u>e</u>	.22	.21	S.
0700-0800	. 54	ru Em	<u>.</u>	.35	.37	.22	.37	.57	.50	. 45	<u>.</u> ت
0800-0080	8.	11.	11.	.74	.64	. 68	.82	.80	.79	29.	30
0000-10060	1.01	. 98	5	96.	98*	.73	.94	1.07	60	96.	.70
1000-1100	1.12	<u>.</u>	.16	1.06	1.00	69	.67	1.27	1.22	96.	1.04
1100-1200	1.23	~	1.26	. 93	.85	. 7	.67	, m	learn (A.) Learn	.47	1.07
1200-1300	1.28	1.25	1.29	.87	1.00	.68	.45	1.34	1.28	.59	0.1
1300-1400	1.22	5	2	, , ,	6.	.63	ATAO	S	1.27	09:	96.
1400-1500	1.08	1.05	1.09	1.05	1.06	.78	ON	1.01	1.04	. 53	. 86
1500-1600	. 88	. 83	80	<u>ش</u>	77.	5.	ភេ	44.	68.	.46	.64
1600-1700	.64	. 56	.62	. 53	. 59	.20	64.	.30	19.	.42	.19
1700-1800	.37	<u></u>	<u>ო</u>	.30	7.	o toma	w w	.29	.34	. 3	.02
1800-1900		. 08	.08	.02	.03	.03	. 07	.12	60.	• 02	.00
1900-2000	8	•	E	ŧ	8	8	0		90	1	8
Total	635.4	610.2	630.0	537.6	508.2	342.0		599.4	636.6	391.8	430.2

Table 10. August 1975. (Continued)

Hour					Day	Day of 1975					
of Day	224	225	226	227	228	229	230	231	232	233	234
0200-0600	.01	.01	.01	.01	.03	40.	.05	90.	.00	.01	0.
0000-0090	91.	, r	.04	.04	.07	8	.22	.27	. 2	.04	.08
0700-0800	45	8.	georesia galantesia	$(.37)^{a}$.27	.25	44	.57	.28	.22	.20
0800-0080	.62	.46	2.	,	.56	.08	.64	80	.37	ŀ	
00001-0060	.76	.47	6 8°	.72	.64	.24	86°	1.01	.48	ATAG	
1000-1100	1.21	.78	.85	.74	.97	.31	1.01	1.21	96.	ON	
1100-1200	96.	1.10	1.00	1.07	.89	.37	1.26	1.27	.92	9/.	
1200-1300	1.24	1.12	.86	heren breeze (L.)	.93	ee.	1.30	1.29	1.25	.73	AT
1300-1400	1.02	5	.72	9.0	₹.	.80		1.20	. 13	1.07	rAd (
1400-1500	12.	.74	.49	\$.	7	.78	e.		80	5	N
1500-1600	.72	8.	99*	74.	.04	.62	.70	.76	9/.	. 6	
1600-1700	.52	.55	.36	71.	.01	.31	9.	.55	44.	.37	
1700-1800	.26	.19	91.	.12	.05	e Sumo Sumo	, ma	.26	. 24	60.	
1800-1900	90.	.03	.05	.02	.02	Ö	.02	. 04	.03	.01	
1900-2000	9	E		8	8		1	1		ı	
Total	525.6	469.8	349.2	4.014	333.6	265.8	558.6	620.4	480.0		

value includes some estimated hourly values.

Table 10. August 1975. (Continued)

S					Day	Day of 1975			
of Day	235	236	237	238	239	240	241	242	243
0200-090	8	1	ĝ	.03	.02	.02	Ō.	Ö.	1
0000-0090				.21	7.	.22	4	r.	.01
0700-0800				.45	.48	<u>.</u>	81.	38	.02
0800-0080			AT	.73	11.	.79	. 52	9.	. 03
00001-0060			AG 0	96.	.02	1.03	80	Ō,	90.
1000-1100			N	1.12	9.	1.20	01.1	1.05	90.
1100-1200	ATAG	ATAG		1.22	1.26	1.28	1.20	7.1	.05
1200-1300	ON	ON		1.21	1.26	1.26	8	1.09	90.
1300-1400			(1.1 _A)a	است است است	6	(1.1)a	20.	70.	. 04
1400-1500			96.	96.	1.00	$(1.00)^{a}$	98.	.95	90°
1500-1600			69°	.74	11.	77.	.51	. 53	.08
1600-1700			44.	.47	.49	.48	.24	.28	• 04
1700-1800			.20	.20	.20	2,	.22	.04	.02
1800-1900			.02	.02	.02	.01	.01	.00	ŧ
1900-2000	1	8	8	1	9	1	8	8	
Total				567.0	591.0	597.0	491.4	493.2	31.8

value includes some estimated hourly values.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm 2 /min.) and Daily Totals (g cal/cm²/day). September 1975.

Hour					Day	Day of 1975					
of Day	244	245	246	247	248	249	250	251	252	253	254
0200-0600	â	â	5	,	0.	í	ı	ŧ	î	0	8
0000-0090	.00	.04	.20	.08	.17	.02	10.	.04	.08	9	.07
0700-0800	.03	.08	.48	91.	.43	9	60.	. 18	.36	44	.21
0800-0080	© Emercy Source	.28	.73	.36	69.	.53	7	r.	89.	.72	ee.
0001-0060	.21	.34	1.0	.54	.92	.45	. 23	.47	86.	76.	.5
1000-1100	2	86.	<u>.</u>	<u>س</u>	90.1	9.	.30	99.	0.10	.98	96.
1100-1200	0	.95	1.28	.61	ن. ت	99.	.27	.46	1.18	.49	06.
1200-1300	90°	. 68	1.29	.84	1.21	.65	. 28	09.	ions form QU	.58	7
1300-1400	9	38	1.22	.71	<u>.</u>	.50	6	.59	fazero e burno (A,)	.79	.40
1400-1500	.12	.4	1.05	8.	.93		3.	.73	96.	.79	.42
1500-1600	8	.40	.72	9	89	9	8	99.	.74	.70	ee .
1600-1700	.05	.38	.40	.30	.40	.22	.07	.37	.46	.40	·
1700-1800	Ö.	80.	.33	61.	14	.02	.02	£.	.18	.08	.02
1800-1900	8	.01	.00	.0.	ı		1	ı	.00	5.	ı
1900-2000	1		•			ů.	8	8	1	8	
Total	63.6	300.6	593.4	331.8	533.4	271.2	5. 8.	303.6	543.0	427.2	278.4

Table 10. September 1975. (Continued)

				à	Day of 1975							
Day	255	526	257	258	259	790	561	797	263	797	265	
0200-0000	9.	<u>.</u>		0	C.	88	8	ŧ	1	8	Î	
0020-0090	generace generati (t)	4	PV.	9000	- Garageses Seminorial	2	50.	Š	S.	60.	8.	
0700-0800	2.	e.	Ċ.	36	@ Security	~	.24	Ö.	9	6	e.	
0800-0080	8.	6.	96.	e e	2.	9.	N.	o.	T .	2000000 2000000 8	77.	
0001-0060	ů.	<u>e</u>	Samo Samo Samo Samo	Ş	<u>e</u>	8.	4.	e.	8	S.	Ħ.	
00.1-00.		9.	.23	8	K.	5	Q .	<u> </u>	8	9	C.	
1100-1200	5.	80	2	8	Ē.	Sections Business Sections	<u>ග</u>	C	5	C.	<u>e</u>	
1200-1300	4 .	8.	Section 6 Col.)	7	8		ko F	83.	5.	8	S.	
1300-1400	9.	5	96.	3.	ű.	28.	Section (A.S.)	4.	8	. 26	2,	
1400-1500	e posses e		2	5	. 29	8.	e Leann Calm	e .	\$. 23	<u></u>	
1500-1600	0.	Æ.	and a second	32.	generals generals	ro ro	e.	2	~	₹.	0.	
1600-1700	.02	<u>9</u>	6 keers	5	Ĉ.	CO	0.	8.	e CJ	<u>o</u>	e.	
1700-1800	8	8	8	ĝ	g	8		S	ಕ್ಕ	Ö.	1	
1800-1900	Ð	ŝ	ŝ	g	ĝ		1	ğ	ā	8	8	
1900-2000	0		600	600 600	e dy version and the property of the sections of the sections of the section of t	epiniquidici i dicina este este di mando confirmato. Prij	te adala same cryana est describir de describir de describir de describir de describir de describir de describ	(An ili 1979) (Chambaile and Anna Anna Anna Anna Anna Anna Anna	mas den ant de camenta de destador indigença de antides (1888). (1888)	agoela eroopia memban eroopia daga apoela poetroota	ppe accomb names contribil a compty- On	
T O ta	232.8	483.0	0.235	358°.	S	454.2	38.	5	361.2	5	4.	

Table 10. September 1975. (Continued)

	Sept. 1 minutes and an analysis of the sept. An analysis of the sept.																
																and the second s	
	273	8	20.	e.	S .	e location	6.	5		S.		4 .	.23	Ž.	8	de fest y deligne describation metablescept on deligne approximation operation of the second parameter operation of the second operation operati	427.2
	272	î	ö	(°)	9	80	\$	<u>~</u>	<u> </u>	2	ر دو د	rů.	20	Š.	ĝ.	estimos representantes estados	7.69.5
Day of 1975	271	ĝ.	(C)	98.	3.	ص د:	5	Service Description (Jacobs)	pence pence	30.	8	S.	5.29	90.	98	Camp Camp Camp Camp Camp Camp Camp Camp Camp	483.0
Day	270	ı	8.	(?) (?)	జ్ఞ	8	9	forms forms CT	9	<u>.</u>	9.	٠. م	8.		8	Comment Construction Conference on Construction Construct	433.
	269	8		S.		Ş	é ésene Espe	98.	99.	\$	٠ <u>.</u>	8	8	8	QUONO	niyan dipina (balayaya endamasyas yila sadahasida) 680	
	268	686	ŝ		2	\$7.	, (7)	\$.	8	Ş	0.	40°	ö	g	B		43.2
	267	il i	ස	Ş	ď.	en Per	a.	Ţ.	<u>o</u>	77.	Section 6	Ö	e C	Ō,	Î	elisemelisemeljans signassamen meljans sistem japan sistem japan sistem japan sistem japan sistem japan sistem	0.70
	266	1000	ō	20.	<u>L'3</u>	CU proc.	9	60.	M	Š	90.	Š	ë.	ē	688	genhaffichallend es obesiden ellen albeste este este este este este este este	o G
ro	Day of	0200-0600	0020-0090	0700-0800	0060-0080	0001-0060	1000-1100	1100-1200	1200-1300	1300-1400	1400-1500	1500-1600	1600-1700	700-1800	1800-1900	1900-2000	To ta

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm²/day). October 1975.

ž					Dag	Day of 1975					
of Day	274	275	276	277	278	279	280	281	282	283	284
0200-0600	ŧ	1	I	1	1	1	1	t	1	1	1
0000-0090	.02	.03	0.	90.	.07	.03	4	.04	ō.	ı	ı
0700-0800	.12	e Surces e	.37	.27	.32	ema A	.34	.21	.08	.02	.04
0060-0080	.21	5	99.	09.	.54	7.	.48	.40	.08	.05	
0001-0060	.40	. 22	.89	91.	9.	.67	.75	.62	.05	0.	90.
1000-1100	.50	52.	1.03	.97	00.	.74	6.	8.	80.	e keese ande	.20
1100-1200	09°	.45	o here here	1.05	98	.78	.78	. 93	m	. 18	89
1200-1300	. 92	.78	1.10	1.01	29°	.80	.67	06°	o Learns Economic	.21	.24
1300-1400	76°	8	76°	96°	8	. 28.	.56	80	90.	. 25	. 23
1400-1500	. 59	.76	.80	.76	.58	.67	. 44	.62	60.	91.	69.
1500-1600	.32	. 55	. 54	.52	.40	.34	.33	.18	.08	.18	.43
1600-1700	.20	.27	.28	.26	~	.16	.12	.00	.03	.03	leano
1700-1800	.02	.04	• 00	, 0	.02	.00	.05	ı	ı	ı	0
1800-1900	ì	1	ı	1	î	ı	1	í	1	ı	ı
1900-2000		98	3	1	•	•	1	8		1	
Total	292.2	263.4	473.4	436.8	369.0	334.2	333.0	344.4	48.0	80.4	137.4

Table 10. October 1975. (Continued)

. Hour					Day	Day of 1975					
of Day	285	286	287	288	289	290	291	292	293	294	295
0200-0600	1	ı	1	1	ı	1	ı	ı	1		ı
0020-0090	.05	.05	.03	.04	.03	ı	.02	ŧ	.04	.04	.03
0080-0020	. 28	. 23	.24	r.	60°	.03	.07	.03	.24	.24	.22
0800-0080	.54	17.	.49	ਨ ਵ	дальн , дажн ф	· 04	200	90.	25.	94.	.47
00001-0060	.78	.75	.73	.67	.28	.08	. 28	e lunce lumo	69.	.72	.70
1000-1100	. 94	.91	.89	.87	.23	60.	.44	.10	88.	88	. 84
1100-1200	69.	76.	. 93	.92	.42	.05	Ĺ,	.12	.97	: 95	06°
1200-1300	.84	96.	.80	.92	.38	.08	.43	60.	.40	96.	88
1300-1400	96.	8.	09°	.83	.26	60.	4	.21	.52	.79	.78
1400-1500	50	.67	.42	99.	(**) (**)	0.	9	.24		7.	09:
1500-1600	39	77.	.30	40	91.	.02	.22	.07	.26	.36	.36
1600-1700	.21	.20	e Pares Pares	91.	14	.0	.10	.02	90*	. 3	. 14
1700-1800	.02	.02	.00	.00	ı	1	ı	ı	i	.0	5.
1800-1900	ı	ı	1	1	1	•	8	t	1	ı	,
1900-2000	e .	8	1	0	B	1	68 / 08 /	8		9	
Total	377.4	390.6	333.0	364.8	146.4	33.6	193.2	63.0	285.6	376.8	355.8

Table 10. October 1975. (Continued)

Hour					Day	Day of 1975		-		
of Day	296	297	298	299	300	301	302	303	304	
0500-0600		E	ŧ	G S	4	1	1	1	1	
0000-0090	.02	8	ı	.02	1	.02	5.	1	.03	
0700-0800	<u> </u>	.02	.04	<u>.</u>	60.	barro Ap	lens C7	90.	.22	
0800-0080	$(.45)^{a}$	°.04	4	,26	<u>o</u>	77.	.38	.44	.46	
0001-0060	89.	01.	6.	.35	.34	.48	.48	.61	69.	
1000-1100	7 8°	AT	.17	.35	.38	.73	.77	8	.83	
1100-1200	6.	.Ad 0	.20	က္	.24	.94	.72	. 79.	06°	
1200-1300	68.	N	~	.34	.24	9/.	.49	.84	. 85	
1300-1400		99.	.20	.30	. 25	· ·	44	.80	74	•
1400-1500	.59	. 56	~	1.	.30	.49	.42	.63	. 58	
1500-1600	.36	ဗ္	.20	e.	e Emme Emme	E.	5-	.36	.32	
1600-1700	.14	Parces Parces	60.	.03	.04	60.	.08	.12	-	
1700-1800	ı	.01	1	`i	ı	i	ı	1	3	
1800-1900	ŧ	ı	ŧ	8	ı	1	ŧ	1		
1900-2000	8	8	8			2	1	8	8	
Total	349.8		93.6	144.0	130.8	306.6	243.6	337.2	343.8	
a walne includes some estimated bounds walnes	d emos sobil	sctimated	hourd	Souley						

a value includes some estimated hourly values.

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm²/day). November 1975.

				Day	Day of 1975					
3	306	307	308	309	310	311	312	313	314	315
	1	1	8	ı	1	,	i	i	ŧ.	1
	1	.02	.01	.02	.02	∤TAQ	.00	0.	1	0.
	.02	<u>o</u>	.08	8.	0	ON	90.	.07	.03	. 17
	.04	.52	.26	.40	5.	.38	.23	.15	.04	
	.38	.68	.62	.64		.54	. 59	.26	90°	.64
	.24	.80	.75	11.		69.	.75	.25	.07	.78
	939	.57	.78	.82		. 56	.79	.23	٠. ت	.82
	.79	.67	. 82	.79	ATAC	.76	11.	.20	.22	.78
	.67	.36	69°	.70	I ON	70	.64	.17	. 23	.67
	.50	.36	84.	ີດ		.20	.45	7.	.21	.50
	.24	.27	.26	.28		91.	.16	.07	.12	.26
	20.	.05	.04	90.		.03	2.	.02	.04	.05
	ı	1	ı	1		.	1	ı	â	ı
	1	1	1	ı		!	ı	ı	į	ı
			8			ł	Ga .	1	8	
9	198.6	294.4	287.4	310.2			269.4	94.2	70.2	305.4

Table 10. November 1975. (Continued)

S 3				-	ða O	Day of 1975					
of Day	316	~	<u></u>	<u>o</u>	320	321	322	323	324	325	326
0500-0600	8	9	980	œ	ÿ.	esso	8	8	3	8	de
0000-0090	ō	8	SEE	Ō.	C)	8	949		8	88	8
0700-0800	70.	600)	8	<u>©</u>	ezzige general	e Col		e henne (L)	2	ē	<u>.</u>
0060-0080	3.	5	₹.	9	8.	(*)	9	.		8	(r)
0900-1000	60.	8	(Y)	9	S.	9.	Ĉ.	et Li	ŝ	70.	ů.
1000-1100	0	0	e.		a C	~		G.	2.	<u>e</u> .	22.
1100-1200	e e e e e e e e e e e e e e e e e e e	(0	99.	00		8.	67.	5	9/.	6.	
1200-1300	<u>©</u>	ferror 6	(7)	5	S.		92.	4	(?)	90.	8.
1300-1400	5		97.	99.	5.	Ç	۲0 ۲0	ę.	5.	incurs (L.)	S.
1400-1500	90.	de Section	e.	S.	9	77.		m ==:		9.	8
1500-1600	9.	5.	8.	si Si	77.	2.	77.	63.	.52	.02	8.
1600-1700	0	<u>~</u>	\$.	8	3.	Š.	5	70.	e.	ı	e.
1700-1800	8	8	8	ı	ŧ	de	8	ı	ı	ŧ	ŧ
1800-1900	ı	ŧ	ı	8	ŧ	1	Ø	8	ı	8	ŧ
1900-2000				edit instrumentation of the substitute of the su	650	g manosymoly states of an order of Commonly yang benefit	teration of the second of the	An Charles Services (Charles Services S	de Character, de Constante de Co	Amerika de de Servicio de Serv	concernate and property and advanced to a principal devalue.
ا د د د	4.	52.2	37.4	303.0	282.0	279.0	292.2	267.6	273.0	ر. ج	246.6

Table 10. November 1975. (Continued)

Hour					Day	Day of 1975		
of Day	327	328	329	330	331	332	333	334
0200-0600	ı	1	ŧ	ł	3	1	1	ı
0020-0090	ı	ı	1	1	ı	1	1	i
0700-0800	.07	.03	.04	41.	.00	e Isano	<u>ٿ</u>	90.
0800-0080	. 25	garrens garrins	(1)	. m	.02	(7)	ب ش س	.14
0001-0060	.39	.39	.23	. 54	© Sections	.52	38	.40
1000-1100	. 58	.78	.26	.67	- 2	.67	. 58	.21
1100-1200	.40	.34	.47	.73	.08	.74	9.	.22
1200-1300	. 3.	.32	.37	.64	paner paner	.70	.62	99.
1300-1400	<u>ٿ</u>	.24	.32	9.	9	9.	.48	.54
1400-1500	01.	5	e.	.41	.07	.42	14.	.38
1500-1600	.03	S	.08	.20	e lecon Lecon	.20	9	. 01.
1600-1700	ı	.02	t	.02	.02	.03	.02	.02
1700-1800	1	ı	1	ı	1	ı	1	1
1800-1900	ı	ı	1	1	1	!	ı	i
1900-2000		8	e-Classic Marie et de l'est de Contra de Contr		3	Annual report of the state of t		
Total	139.2	120.0	132.0	258.6	48.6	258.0	223.8	157.8

Table 10. Incident Total White Light Irradiance at Dock (map 2). Average Hourly Values (g cal/cm²/min.) and Daily Totals (g cal/cm²/day). December 1975.

					Č	3701 30				di di	
of Day	335	336	337	338	339	340	341	342	343	344	345
0090-0050	1	ŧ	8	8	8	8	8	8		- 9	ı
0020-0090	î	1	8	8	1	8	8	t	ı	8	1
0700-0800	5.	.04	.05	.03	.08	0.5	.05	8	g	.04	.03
0800-0080	.03	.22	7	0.	.30	.25	رم س	90°	.02	.21	.26
0900-10060	.05	.54	.34	.25	.48	.23	36	.08	. 02	.47	.45
1000-1100	.26	69.	.52	.72	.64	.52	44	01.	.05	.58	09.
1100-1200	.47	.75	.75	<u></u>	.70	.48	.42	<u>.</u>	.07	.53	69.
1200-1300	.75	. 73	5	69.	69.	09°	.26	<u>د</u>	© Lenius Lenius	e.	99.
300-1400	.64	iv.	9.	82	9.	4.	.20	Š	.07	.29	. 58
1400-1500	.46	.40	.45	.42	4.	.26	.12	01.	0°	. 12	.47
1500-1600	.24	. 26	.22	.21	.21	Ω.	90°	90°	0.	.00	.05
1600-1700	.04	.04	.04	.04	.03	.02	0.	.01	1	0.	.02
1700-1800	ı	ı	ı	1	ı	1	ı	ı	1	8	1
1800-1900	t	ı	ı	t	t	t	ı	ı	ı	ı	ı
1900-2000	1	5	era (Control and Control and C		ore .	8	8	4		Ġ	99
Total	177.0	253.2	223.8	225.0	249.6	9.081	124.2	91.0	23.4	160.2	225.0

Table 10. December 1975. (Continued)

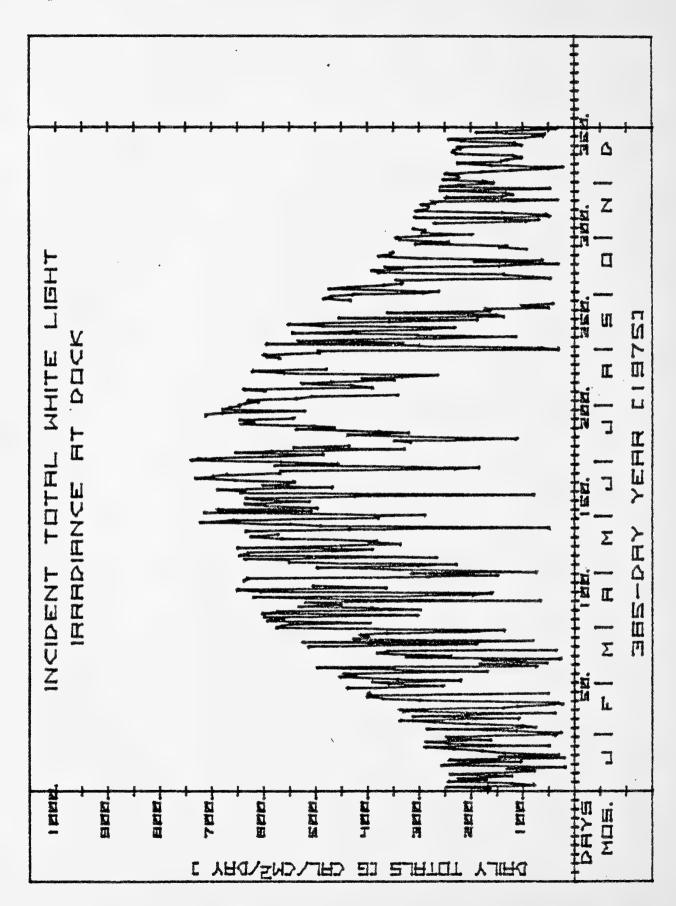
50					Day	Day of 1975					
of Day	346	347	348	349	350	351	352	353	354	352	356
0200-0600	1	. 1	I	8	1	8	8	8	1	g	8
0020-0090	1	ŧ	i	i	ı	8	8	î	ı	â	ı
0700-0800	.07	.01	0.	.04	.02	60°	.02	90°	.05	.02	.03
0800-0080	.27	.04	.08	<u>۳</u>	.23	.37	.24	m m	.25	11.	e Jenne
0001-0060	.45	60°	3	.25	5.	49	.49	٥ ٣	36	.26	5
1000-1100	19:	.17	.19	.34	.56	.63	.64	.35	.49	.24	7.
1100-1200	.57	. 28	.26	.43	.73	69°	.74	69*	.7	.24	.45
1200-1300	.26	44	.32	.26	.72	.67	99.	<u></u>	.70	.32	.29
1300-1400	60.	. 59	.49	.30	. 53	.63	.42	.62	.59	.25	91.
1400-1500	9.	4.	-	بر 	.	.25	.45	.45	7.	· •	<u>۔</u> س
1500-1600	.02	٠. ت	.04	90°	-	.10	61.	. 23	7	90.	60°
1600-1700	ı	.03	.00	٥.	.02	.01	.02	.04	.02	Ö	.05
1700-1800	ı	ı	ŧ	t	1	i	1	1	1	ı	1
1800-1900	1	ŧ	8	ŧ	ı	1	1	î	ı	ı	1
1900-2000	t	1	t	3	ŧ	8	E .		8	8	9
Total	142.8	132.0	103.2	118.2	228.0	235.8	232.2	220.2	225.0	102.0	9.711

Table 10. December 1975. (Continued)

Hour					Day	Day of 1975				ı
of Day	357	358	359	360	361	362	363	364	,365	
0200-0090	1	ı	!	1	9	1	8	ı	1	
0020-0090	8		ı	ı	ag ag	1	i	ı	ı	
0700-0800	ō.		.02	Ō.	9.	ō.	, ()	ē	.00	
0800-0800	.17	.26	60°	0.	.21	.07	90.	0.04	.02	
0000-1000	. A.A.	.48	.15	.02	7	.37	71.	.12	90°	
1000-1100	. 60	9.	.23	0.	e been	ru ru	.20	.04	.08	
1100-1200	.70	69°	<u>o</u>	<u>E</u>	<u> </u>	.64	.18	2	.12	
1200-1300	. 68	99.	.37	9	60°	. 51	.30	g paren g	Ξ.	
1300-1400	.65	95.	<u>.</u>	d Learns Secure	0.	ů.	.40	(C)	.08	
1400-1500	. 29	.45	.17	.30	.08	.23	.43	90.	• 04	
1500-1600	.00	. 23	90,	.23	• 05	inno CU	.18	.02	.03	
1600-1700	.02	.04	ē	.02	0	.03	.02	1	(.01) ^a	
1700-1800	1	1	1	ŧ	ı	ı	ı	ı	ı	
1800-1900	ı	ı	ı	ı	ı	1	1	1	ı	
1900-2000	8	1	1	8	esa	8	8	ı		
Total	217.8	241.8	95.4	61.2	56.4	187.8	115.2	37.2	33.0	

a value includes some estimated hourly values.

Figure 7.



Weather Station Data (map 2)

% Relative Humidity and Air Temperature - Measured using a Hygrothermograph - Belfort Instrument Company.

<u>Barometric Pressure</u> - Measured using an aneroid type barometer. <u>Microbargraph</u> - Belfort Instrument Company.

<u>Rainfall</u> - Measured using a weighing rain gauge - Belfort Instrument Company at the weather station and manually read, total event gauges at other locations.

<u>Evaporation</u> - Measurements are taken of the amount of water evaporating from an open pan. Wind run adjacent to the pan and maximum/minimum temperatures of the water in the pan were also taken.

Principal Investigator: Daniel Higman, Smithsonian Institution.

Research Funding: Smithsonian Institution.

Table 11. Weather station data

	Relative Humidity	Humidity	Air Tem	Air Temperature	Barometric Pressure	Pressure
1975	Max.	% Min.	Max.	C Min.	Max. Mercury	mercury Min.
gamesa	ı	ı	1	l	759	753
2	92	21	7.8	-5.6	770	759
m	94	9	6.7	-9-	768	756
4	94	36	7.8	2.8	763	756
ស	06	30	6.7	-5.0	770	763
9	96	46	6.7	-6.7	770	760
7	94	42	9.4	-2.8	765	760
œ	86	62	7.8	-2.8	764	750
o	95	40	œ ص	8	763	2
0	88	72	9.01	ж •	762	752
=	94	48	17.8	7.8	992	755
12	06	33	10.0	2.8	757	754
(m)	94	48	2.2	-2.2	765	757
4	09	36	2.2	-7.8	992	763
lс.	06	32	1.7	-	191	762
16	06	36	3.9	-5.0	774	191

Table 11. (Continued)

	Relative	tive Humidity	A T	Air Temperature	Barometri	Barometric Pressure
1975 1975	Max.		Max.		Max.	
harves fundo		8	m m	٠ ٣	ŝ	ŧ
<u>@</u>	96	భ	4	-2.2	m	756
(5) (max)	96	ស	0	0	728	5
50	20	C	9	, — , , , , , , , , , , , , , , , , , ,	765	40.
~	98	09	9 0	5.9	21	765
22	\$	D	0.		772	697
23	80	S	7.	٠ 2 2	72	99/
24	86	99	9	-5.6	766	755
ro S	96	2	(T)	S.	25	730
56	ō	78	တ္	2.2	743	758
27	රා හර	ST CT	т ©	la l	99/	758
80	88	20	<u>~</u>	Betting @ Betting	766	763
50	\$	8	23.3	0.0	763	747
O	99	42	ಯ	lagran a Long	191	(S)
5	96	900	on m	finems de frances		99/
32	8	89	9.0	9.0-	Long Second	692

Table 11. (Continued)

9	Relative Humidity	Humidity	Air Tem	Air Temperature	Barometr	Barometric Pressure
Day OT 1975	- 1	% Min.	Max.	C Min.	Max.	Mercury Min.
33	92	99	basses @	-3.9		769
34		36	3.9	5.6	773	770
33		40	0.0	-7.2	9//	764
36		84	2.2	0.0	764	752
37		09	10.0	banas o feature	753	751
38		32	2.2	-5.6	763	753
39		26	7.8	-8.9	764	760
40		40	6.7	-5.6	992	757
4		36	0.0	-	769	762
42		42	8.9	0.0	762	757
43		62	2.8	 	760	752
77		32	lame 0 lame	د. د.	762	755
45	06	9	4.4	-5.6	765	762
46	94	46	e. 6	9-	768	763
47	95	09	8.9	9.0-	763	759
8	98	98	5.6	from e Same	762	757

Table 11. (Continued)

	Relative	Hunidity	Air		Barometri	Barometric Pressure
Day 04	Max.	Z Z	Max.	-	o Xew	
69	<u>್ಷ</u>	88	C.	r. O	758	ro FO
20	75	40	2	9		749
L O	92	3	7:7	د. د.	762	758
22	69	8	<u>.</u>	5.7	769	762
ಣ	92	8	2	ů,	769	762
5	\$	9/	<u>~</u>	ru O	761	753
ru ru	63	G	r S	<u>ထ</u> တ	752	746
26	9/	56	5. 0.	v.	754	746
2	85	9		Bearing Seature	760	754
58	98	56	9	-2.8	9	758
53	76	*	<u> </u>	Bancon G Espaces	19/	K
09	96	56	<u>.</u>	genturo G graces g	753	750
jenns (O	78	36	2:	7:2	752	749
29	25	8	2.3	80	759	752
8	95	~ ~	e de la companya de l	r,	763	92
79	50	36	ر ن	6.	99/	263

Table 11. (Continued)

3000	Relative	Relative Humidity	Air Ten	Air Temperature	Barometri	Barometric Pressure
1975	Max.	Min.	Max.	ς Min.	Max.	mit of riel cuty
65	94	20	18.9	2.2	763	758
99	06	30	17.8	4.4	761	747
29	28	30	10.0	 	760	747
68	72	20	5.0	-7.2	792	760
69	. 98	44	2:2	4.4	992	759
70	96	52	5.6	0.0	992	760
7	94	92	7.2	т т	992	756
72	94	42	3.0	4.4	762	753 .
73	94	78	4.4	9.0	762	751
74	,	3	1	8	692	755
75		ŧ	8	889	P	764
92	78	32	12.2	2.2	99/	197
77	96	46		-2.2	770	762
78	63	84		7.2	762	743
79	92	22	15.6	9.4	755	743
80	56	20	16.1	2.8	760	755

Table 11. (Continued)

Day of	Relative	Humidity % Min	Air Tem Mav	Air Temperature 0 C	Barometri mm of	Barometric Pressure mm of Mercury
18		40	18 9	7 8	757	745
ō		2))	
82		24	7.2	4.4	757	749
83		22	14.4	6.1	757	746
84		20	<u>ئ</u>	7.8	756	748
85		34	7.8		762	756
86	09	26	6.7	 	773	769
87		26	7.8	1.7	768	761
88		48	13,3	5.6	761	749
68	\$6	36	12.2	т т	752	749
06	64	22	12.2		192	752
91	58	91	20.0	4.4	759	757
92	06	36	17.8	2.8	761	750
93	94	30	15.0	3.3	750	736
94	46	24	6.7	0.0	756	747
95	44	28	5.6	-1.1	758	ı
96	54	22	graducio di graducio genicione	process 4 2 2	758	757

Table 11. (Continued)

Jan of	Relative	ative Humidity	Air Tem	Air Temperature o c	Barometri	Barometric Pressure
1975	Max.	Min.	Max.	Min.	Max.	Min.
26	20	36	16.7		758	757
86	62	26	14.4	2.2	197	758
66	. 08	. 54	13.9	-2.2	763	759
100	06	42	8.9	9.0	. 759	756
101	94	56	berne berne	-1.7	758	755
102	06	20	leyens 6 horses	9.0-	762	756
103	06	28	12.2	-2.2	767	762
104	94	30	14.4	٠ 9 9	692	762
105	94.	99	7.8	5.0	762	757
901	92	34	13.9	ຕິ	759	757
107	80	26	17.8	4.4	760	758
108	88	\$	15.0	0.0	759	75.
109	98	40	24.4	13.3	755	748
	52	56	17.8	4.6	763	755
pares pares	78	24	21.1	2.2	. 768	764
heren heren	98	32	12.2	0.0	772	768

Table 11. (Continued)

40000	Relative	tive Humidity	Air Tea	Air Temperature	Barometri	Barometric Pressure
20,00	Max.	* * * * * * * * * * * * * * * * * * *	Max.		o X	
keen toosa (A.)	86	.	ත ස	2	692	759
larea larea An	26	42	25.0	eji E	744	753
LC) person person	S	999	GO Accesse Accesses Accesses	2	757	S
<u>د</u>	8	56	<u>~</u>	© ©	765	26
position (83	24	59	Secure 6	992	19/
©	8	32	Parasa Garaga Acada Acada	ಹ	192	755
leason fearna QJ	8	\$	S S	œ ش	762	2
20	8	42		0	764	762
bases C7 Second	Š	89	7.8		792	2
22	63	20	<u>ه</u>	හ ආ	762	9
£2	86	ち	20.0	o	792	756
72	94	99	r. 9	Ö	756	749
ь С1 ГО	85	S	S S	7.2	757	S
52	96	20	0.00	o Lo	758	K
127	60	38	رن دن دن	5	997	55
128	96	28	22.2	7.9	762	19/

Table 11. (Continued)

Day of	Relative	tive Humidity	Air Tem	Air Temperature	Barometri	Barometric Pressure
1975	Max.	Min.	Max.	Z W	Max.	
129	93	26	20.0	8,3	763	761
130	98	26	22.2	gaments gaments	762	759
131	96	28	22.2	6.7	760	758
132	94	20	22.2	10.0	758	756
133	94	48	22.2	hence leans 6 leans	758	755
134	06	34	25.6	7.1	760	758.
135	ў 6	46	24.4	11.7	759	756
36	. 26	58	23.3	13.3	192	754
137	94	48	22.2	lames 0 femore	764	761
138	94	09	22.2	12.8	192	757
139	06	20	24.4	15.6	758	156
0	94	44	27.8	13.3	759	757
141	92	38	32.2	15.6	759	756
2	92	20	30.0	20.0	19/	756
43	92	40	28.9	18.3	759	756
144	92	20	28.9	17.8	757	756

Table 11. (Continued)

& C NEL	Relative Humidity	funidity.	Air Tem	Air Temperature	Barometric Press	Barometric Pressure
1975	Max.		Max.		y X	
45	90	88	7	ě	763	2
97	06	09	7.	lecens Caps a scape	763	K R
747	06	Ş	7.02	8	756	K KU
8	8	56	S.	~	092	S
64	\$6	24	2	9	792	759
O	96	9	9.52	<u>ه</u>	759	754
leanno PQ leanno	8	8	27.8	20.6	755	253
22	8	8	22.0	<u>დ</u>	758	S
M	g	1	5.0	beren Enfo e e	762	757
т. Д	98	one o	7	7.9	eg g	8
ಒ	8	ş	27.2	. 2	756	797
156	1	88	27.	2.0	754	749
5	8	8	28.3	00	749	747
<u>د</u> ش	1	ı	22.8	<u>ග</u>	752	747
<u>م</u>	8	1	C/I fearers fearers	Second Second 8	759	752
0	82	ae	<u>o</u>	٠ ٥	764	5

Table 11. (Continued)

Day of	Relative	ative Humidity	Air Tem	Air Temperature	Barometri	Barometric Pressure
1975	Max.	Min.	Max.	Min.	Max.	Min.
161	1	1	24.4	16.1	99/	292
162	ı	1	23.3	12.8	992	761
163	1	8	21.1	16.7	761	756
164	ı	8	28.9	17.2	757	756
165	1	ę	29.4	15.0	758	756
166	,	8	29.4	۲ <u>-</u>	757	756
167	ı	ŧ	28.9	18.3	760	756
168	ı	1	28.9	18.3	761	760
169	ı	ŧ	31.1	20.0	762	759
170	1	8	33.3	0.8	762	758
171	ı	88	31.1	21.1	762	758
172	1	ŧ	27.8	14.4	992	762
173		ĕ	26.7	12.2	768	765
174	1	ŧ	31.1	17.2	99/	765
. 921	1	1	32.2	18.3	765	762
176	1	8	31.7	21.1	763	192

Table 11. (Continued)

9.00	Relative	ative Humidity	Air Tem	Air Temperature	Barometri	Barometric Pressure
1975	Max.	Min.	Max.	Min.	Max.	mil of mercury
177		1	24.4	19.4	764	763
78	1	ŧ	24.4	20.0	763	197
179	ŧ	1	27.8	19.4	762	761
180	3	1	27.2	18,9	762	761
181	ı	ı	26.7	18.9	763	191
182	3	ı	27.2	12.2	765	764
183	ı	1	() 	11.7	764	760
184	1	8	32.8	17.8	760	756
85	ŧ	2	27.8		15/	755
186	ŧ	ı	29.4	17.2	757	755
187	•	ı	28.9	16.7	757	755
188	ı	ı	24.4	17.2	756	753
189	8	ı	28.3	18.3	755	753
190	ā	ı	32.2	18.4	754	752
[6]	8	1	30.0	7.8	754	751
192	ı	ı	25.6	17.2	755	753

Table 11. (Continued)

9000	Relative	ative Humidity	Air Tem	Air Temperature	Barometri	Barometric Pressure
1975	Max.	win.	Max.	Min.	Max.	C. Min.
193	ı	1	25.6	18.9	758	754
194	Ş	ı	23.3	20.0	197	, 151
20.50		ţ	26.7	22.2	764	762
196	ı	1	27.8	2	765	762
197	1	8	26.7	21.7	992	764
198	1	ı	29.4	21.1	765	763
199	8	J	30.6	20.0	764	192
200	ı	8	30.0	21.1	197	758
201	1	ı	31.1	22.2	758	755
202	1	å	30.0	21.1	756	754
203	•	8	30.0	18.9	760	758
204	1	ı	31.7	17.2	761	759
205	ŧ	g	30.6	21.1	760	756
206	ŧ	ı	27.8	19.4	758	756
207		8	25.6	20.0	762	759
208	ŧ	1	27.8	12.2	191	757

Table 11. (Continued)

Day	Relative	tive Humidity	Air Tem	Air Temperature	Barometri	Barometric Pressure
1975	Max.	"Min.	Max.		Max.	Min.
209	8	ŧ	32.2	19.4	758	756
210	g	8	30.0	17.8	763	197
211	. 3	1	30.6	15.6	765	763
212		ľ	31.1	17.2	765	763
213	ę	1	33.3	17.8	764	760
214	8	ı	35.6	20.0	760	757
215	ð	ı	35.0	20.0	758	756
216	,	1	35.6	21.1	758	756
217	8	ì	(_{J,J}) lerper • lerper	<u>S</u>	757	75
218	8	t	28.9	18.9	757	754
219	, ŧ	ı	30.6	15.6	757	738
220	t	ı	27.8	12.2	765	745
221	\$	1	w 	20.0	764	769
222	8	ı	28.9	16.1	692	759
223	ě	1	30.6	19.4	758	756
224	8	1	31.7	17.8	759	758

Table 11. (Continued)

	Relative	Himidity	Air Tem	Air Temnerature	Barometri	Barometric Pressure
Day of					m of	Mercury
1975	Max.	Min.	Max.	Min.	Max.	Min
225	1	1	32.2	21.1	192	759
226	ı	i	30.6	21.1	192	758
227	1	ı	28.3	22.2	092	758
228	1	1	30.0	23,3	759	757
229	i	ı	. 29.4	21.1	758	756
230	1		31.1	20.6	092	758
231	1	t	27.8	19.4	692	, 191
232	ŧ	ı	26.7	17.8	765	761
233	ŧ	ì	28.3	6.1	992	761
234	8	1	30.6	23.3	762	760
235	8	ı	24.4	20.0	992	762
236	e g	8	<u></u>	20.6	764	759
237	1	ı	34.4	20.6	759	758
238	1	1	34.4	21.7	762	759
239	8	ì	30.6	17.8	992	762
240	ı	ŧ	28.9	15.6	768	764

Table 11. (Continued)

	Relative	ative Humidity	Air Tem	Air Temperature	Barometri	Barometric Pressure
Day of 1975	Max.	% Min.	Max.	C Min.	Max.	mm or mercury
241	1	1	28.9	4.	765	760
242	g	1	32.2	19.4	092	757
243	ı	8	22.8	17.2	762	759
244	ž	ı	19.4	18.3	761	758
245	8	8	25.0	18.3	759	757
246	ŧ	8	24.4	က္	760	757
247	ı	1	27.8	13.9	761	759
248	8	ı	25.6	13.3	762	759
249	8	1	27.2	19.4	761	758
250	ı	1	20.0	16.1	764	192
251	8	8	26.7	16.7	764	763
252	8	1	24.4	10.0	768	763
253	8	î	22.8	8.3	768	765
254	ē	ı	25.6	13.9	765	758
255		ı	27.8	13.9	758	752
256	1	1	18.9	7.8	765	759

Table 11. (Continued)

0.25	Relative	Relative Humidity	Air Tempo	Air Temperature	Barometr	Barometric Pressure
1975	Max.	min.	Max.	M.	Max.	m or recury
257	1,	ı	25.6	4.4	177	992
258	3	ı	24.4		1	8
259	ı	ſ	20.6	boses 6 foreste foreste	191	763
260	1	t	23.3	10.0	764	762
261	9	ŧ	26.1	14.4	764	760
262	8	1	23.9	18.3	760	759
263	ı	ŧ	28.9	20.0	759	757
264	2	8	20.6	12.8	192	758
265	1	1	22.2	12.2	764	. 092
592	1		15.6	14.4	760	758
267	8	8	21.1	15.6	760	756
268	ŧ	ı	21.7	17.2	762	760
269	•	8	. 23.3	18.9	760	758
270	8	ŧ	23.3	12.8	762	759
271	8	8	21.7	10.0	764	762
272	ı	ı	23.3	7.2	992	764

Table 11. (Continued)

30	Relative Humidity	Humidity %	Air Temperature	erature	Barometr	Barometric Pressure
1975	Max.	% Min.	Max.	Min.	Max.	Min.
273) 1	1	25.0	10.0	765	763
274	8	î	24.4	kome kome e forma	764	757
275	ı	1	17.8	6.7	768	756
276	1	8	17.2	2.2	772	768
277	ı	1	21.7	3.9	770	768
278	ı	ı	23.3	6.7	764	762
279	t	ŧ	25.6	12.2	764	760
280	ŧ	ı	19.4	7.2	992	762
281	1	ŧ	22.2	5.6	765	764
282	8	t	16.7	14.4	191	763
283	ł	8	22.2	13.9	765	763
284	1	ı	21.7	13.3	763	758
285	ı	ı	18.9	6.8	763	759
286	1	1*	25.6	7.8	764	759
287	8	ı	28.9	12.2	092	758
288	94	8	30.6	14.4	759	756

Table 11. (Continued)

Nav of	Relative	Relative Humidity	Air Tem	Air Temperature	Barometric Pressure	Pressure
1975	Max.	Min.	Max.	Min.	Max.	min or rice cary
289	92	46	20.6	13.3	761	756
290	96	72	18.9	9.4	762	752
291	94	80	21.7	. 16.7	756	750
292	94	82	16.7	14.4	758	756
293	98	42	14.4	7.8	757	755
294	98	30	22.8	3.9	761	757
295	96	32	26.7	7.8	758	757
296	86	40	25.0	6.7	760	740
297	86	68	21.7	8.3	768	763
298	94	72	20.6	د د.	763	758
299	96	50	16.7	luma luma 0 feeto	763	758
300	88	99	15.0	9.01	764	762
301	86	. 95	20.0	loren o fenere	292	763
302	86	44	20.0	P*6.	763	760
303	93	43	12.8	. 9.0	692	760
304	96	28	9.4	-3.3	772	762

Table 11. (Continued)

40 300	Relative	ative Humidity	Air Tem	Air Temperature	Barometric	Barometric Pressure
1975	Max.	Min.	Max.	Min Tin	Max.	Min.
302	80	28	٠ 9 9	-2.8	770	765
306	92	40	18.9	lacence de lacence	992	765
307	80	40	22.2	0.	992	763
308	94	34	24.4	7.8	764	762
309	67	8	24.4	7.8	764	762
310	86	40	20.0	5.0	992	263
(A.) Immo	96	46	22.2	4.6	763	758
312	94	40	26.1	. 13.3	760	757
313	80	06	16.7	Emercia Emercia G Exercise	763	19/
314	86	32	20.0	12.2	762	756
315	89	30	9	ന	765	759
316	95	99	14.4	3,3	763	752
317	ರಿ	50	12.8	o. 0	751	25
318	99	40	5° 6	0.0	760	750
9	74	. 58	9.01	9.0-	763	737
320	96	30	16.7	9.0	765	19/

Table 11. (Continued)

	Relative Humidity	nidity	Air Temperature	ature	Barometric Pressure	ssure
975	Max.	E	Max.	Min.	Max. Max. Max.	M.
321	94	40	15.6	-2.2	692	99/
322	86	32	20.6	0.0	768	992
323	96	40	18.9	2.2	768	764
324	86	36	20.0	1.7	763	756
325	94	42	15.6	3.9	757	750
326	92	42	<u>م</u>	-2.2	191	757
327	86	90	4.4	-3.9	770	765
328	96	45.	6.7	-3.3	765	092
329	86	46	7.2	-3°3	765	760
330	86	42	7.8	-5.0	770	764
331	94	44	12.2	2.8	764	757
332	96	38	8.9	-3.3	772	762
333	86	36	8.9	4.4	775	771
334	86	09	თ ლ	, .	771	758
335	88	34	16.1	-3.9	992	95/
336	06	34	6.7	-4.4	992	760

Table 11. (Continued)

30000	Relative Humidity	nidity	Air Temperature	ature	Barometric Pressure	ssure
1975	Max.	Min.	Max.	5	Max.	Z _
337	76	32	1.9	9-	768	09/
338	96	38	5.6	-7.2	771	89/
339	98	58	12.2	-3.9	770	99/
340	98	40	16.7	-2.8	992	692
341	98	46	5.6	e fearer	692	768
342	98	56	7.	1.7	766	197
343	66	98.	14.4	2.2	777	19/
344	94	46	5.6	0.0	758	752
345	60	4	က	-4.4	167	758
346	98	09	6.7	-5.0	177	191
347	96	8	9.01	9.0-	774	771
348	86		7.2	9.0-	774	765
349	88	. 09	17.8	5.6	765	754
350	06	36	13.3	-3.3	765	759
351	86	50	œ ش	-5.6	764	755
352	. 65	32	2.2	-7.8	765	754

Table 11. (Continued)

Nav. of	Relative	Relative Humidity	Air Tem	Air Temperature	Barometri	Barometric Pressure
1975	Max.	Min.	Max.	Min.	Max.	Min.
353	70	24	2.2	-10.0	768	764
354 ~	78	28	5.0	-5.6	768	197
355	06	99	grame g	-3.9	763	759
356	99	44	9.0-	4.4	759	756
357	89	24	e. e.	4.4	992	760
358	78	42	-2.2	-8.9	771	766
359	86	99	0.0	1.9-	777	761
360	86	89	10.0	9.0-	761	749
361	94	62	ຕໍຕ	9.0	762	754
362	96	40	3,3	-5.6	692	762
363	89	54	e 3.	-2.2	177	99/

Figure 8

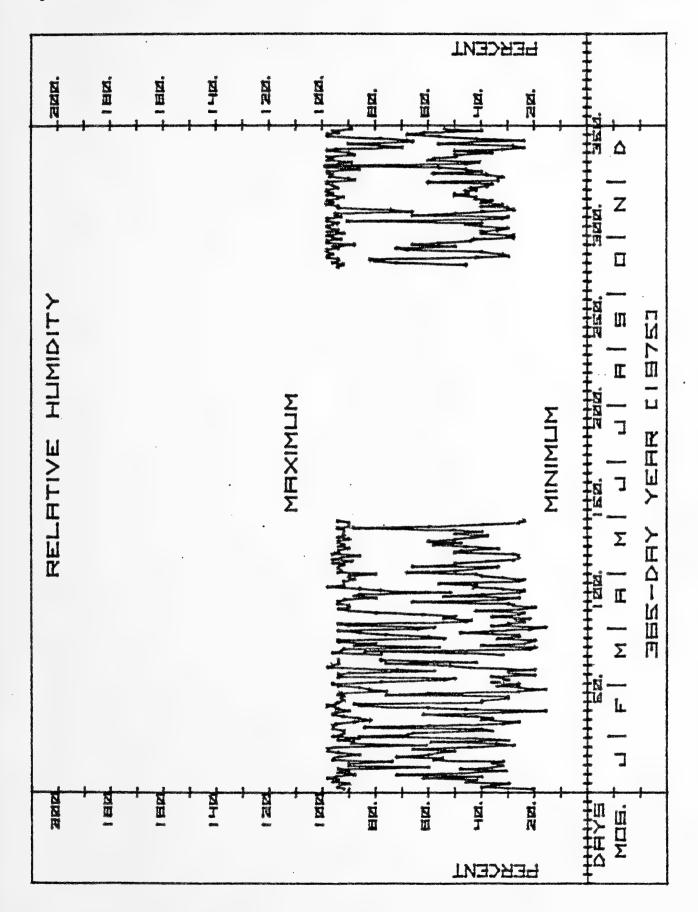


Figure 9

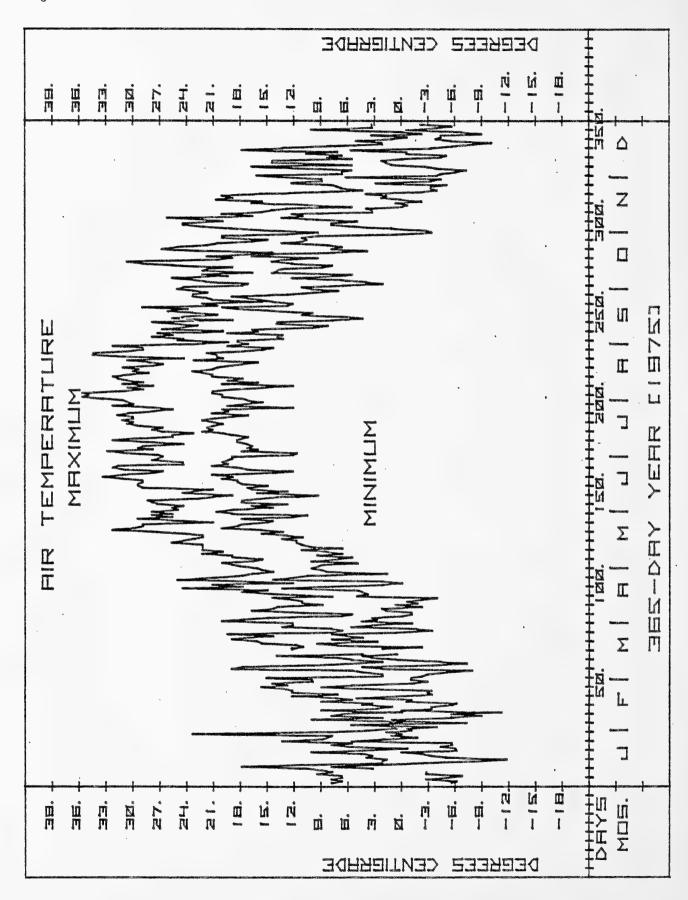


Figure 10

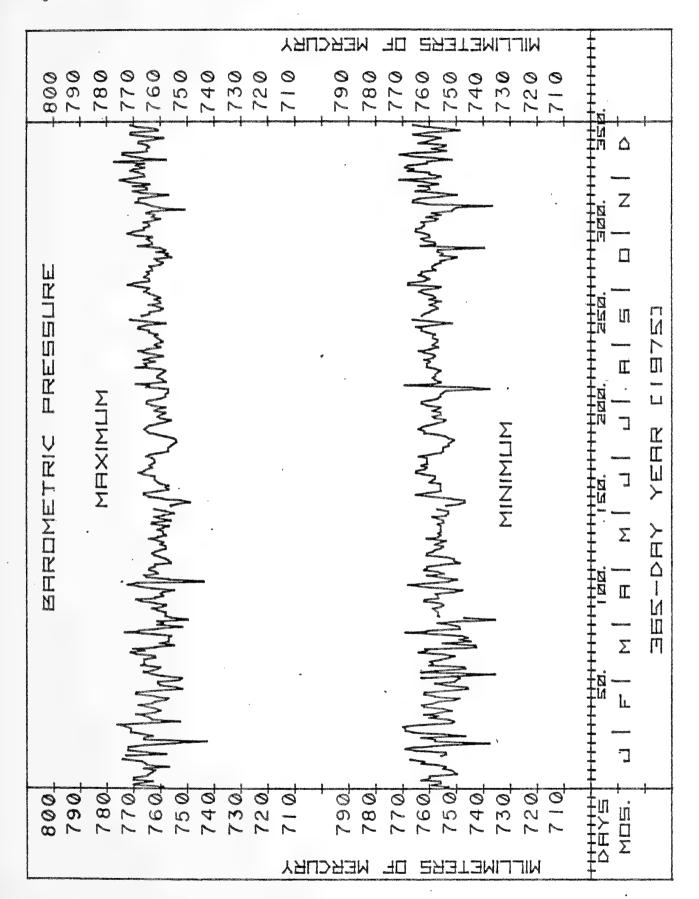


Table 12. Rainfall

Day of 1975	Central	South West	South East	North West
1	0.89	-	••	eap
2	160	-	-	-
3	•	-		•
4	-	-	••	Sup.
5	-	-	-	-
6	1.65	-	•	••
7 .	-	-	-	•
8	1.24	-	-	de
. 9	0.08	-	-	-
10	-	-	-	••
11	0.10	-	-	age
12	0.08		-	•
13	2.21	55	***	-
14	•	-	-	40
15	-	-	-	••
16	-	-	-	cut
17	-	40	600	400
18	1.37	na.	-	955
19	0.94	~	-	***
20	1.30	-		GASS
21	-	-	-	40
22	-	-	-	-

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
23	60	-	-	660
24	0.08	coa	-	
25	0.46	on)	and	***
26	460	œ	•	-
27	-	. es		40
28	450	cab	•	-
29	460			· , eta
30	0.05	est	-	999
31	0.58	es	••	ener
32	0.15		-	-
33	0.20	0.33	0.13	-
. 34	450	esp	966	des
35	1.52	0.25	0.15	-
36	0.76	400	1.70*	-
37	0.20	en.	0.23	desi
38	• •••	***	-	co
39	ess	ees .	600	=
40	-	•	. •	
41	-	en	en	••
42	-	em	•••	-
43	1.32	1.78	1.63	-
44	-	-		

Table 12. (Continued)

4				
Day of 1975	Central	South West	South East	North West
45	60	-	-	-
46	-	-	-	•
47	0.08	-	-	0.08
48	0.38	0.43	**	0.13
49	-	0.10	-	0.23
50	-	en)	-	Trace
51	60	-	80	. 40
52	***	-	-	-
53	•	-	-	-
54	1.02	0.86	-	1.37
55	0.74	0.74	2.34	0.46
56	-	-	-	-
57	500	-	**	•
58	-	-	-	-
59	-	-	0.33	•
60	-	400	-	400
61	-	-	-	**
62	-	-	=	-
63	40		-	-
64	-		•	400
65	•	-	-	•
66	0.13	••	-	0.10

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
67	4	460	949	œ
68	SH)	0.56	nec .	950
69	0.64	600	see.	0.38
70	esto	•••	0.48	0.20
77	1.70	2.03		1.65
72	0.96	66	3.68	0.23
73	2.62	3.10	•	3.00
74	een	•	1.73	0.10
75	0.28	446	-	ges
76	1.04	con	1.40	1.22
77	aes	. 66	ea.	906
78	4.62	5.59	3.86	4.65
79	ee	•••	-	6600
80	æ	end	~~	560
81	0.02	0.23	(00)	0.13
82	39	400	403	0.02
83	1.73	1.55	200	7.90
84	end	G 680 ·	1.96	Trace
85	osp.	oes '	800	666
86	es)	eab	••	esc
87	eset .	966	-	ess
88	0.02	ette .	one	Trace

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
89	1.19	-	1.09	1.17
90	~	1.22	1	-
91	•	œ		-
92	-	•		-
93	0.58	0.53		0.41
94	-	~		
95	-	-		· . •
96	•	~		-
97	-	•		emp
98	u	460		-
99	•	•		-
100	•	cos		-
101	**	ess		-
102	-	••		•
103	0.08	460		•
104	· ·	•		co n
105	2.03	2.11		2.08
106	-	ean		••
107	•	***	\downarrow	699
108	0.05		•	0.05
109	0.13	0.48	3.22	0.08
110	-	cape	••	-

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
111		*	-	
112	an an	- -	•	eo
113	40		-	-
114	0.96	0.97	•	0.13
115	2.26	1.98	0.86	2.13
116		••	1.90	0.86
117	est	-	co	, sao
118	aso.	-	•	Trace
119	1.04	-	0.84	1.02
120	469	1.17	0.28	2.03
121	2.06	1.98		•
122		0.05		0.08
123	en	••	eo	Trace
124	2.08	2.13	4.17	2.01
125	sep	-	-	Trace
126	1.21	0.84	ed:	689
127	••	-	0.94	1.04
128	90	•	oso	400
129	460	-	6 00	403
130	a	-	-	eso .
131	40	400	-	ap
.132	2.67	*	a	diS

Table 12. (Continued)

Day of 1975	Contral			
	Central	South West	South East	North West
133	etes	2.36	3.23	2.62
134	con .	0.15	***	Trace
135	0.38	-	-	-
136	0.94	1.32	1.14	1.17
137	605		0.36	660
138	0.02	-	œ.	Trace
139	44	40	-	Trace
140	week	÷	ca	
141	de	~	das	sa
142	0.79	-	œ	256
143	cap	-	0.48	0.46
144	***	0.25		0.33
145	0.20	•		**
146	-	-	0.20	-
147	carb	-	ele	0.08
148	come	.	•	=
149	0.05	400		-
150	1.52	40	69	0.58
151	608	410	nuo	Trace
152	1.47	3.35	3.02	1.70
153	dia	œ	••	***
154	0.76	0.30	0.66	0.48

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
155	•	•	-	•
156	0.58	-	0.13	
157	0.05	0.64	0.79	0.76
158	40	eas	e so	
159	90	ess	cos	440
160	tio	ess	629	600
161	0.02	•00	600	🕳
162	0.51		-	600
163	1.88	2.24	0.94	1.93
164	-		2.11	e o
165		-	6 5	ecc
166	40	eso .	essi	6 0
167	2.34	4.57	one	2.26
168		5 0	0.58	•
169	•	0.20	-	••
170	0.05	ess	en	600
171	•	ero	-	800
172	NO	est o	eno.	***
173	••	are.	40	460
174	400	990	èeo	, can
175	60	60	ec ec	eso
176	0.81	1.73	eo	40

Table 12. (Continued)

Centimeters of Water

Day of 1975	Central	South West	South East	North West
177	GER	₩.	osp.	1.14
178	0.08	des	COS	
179	0.08	0.10	1.52	0.20
180	660	698	cité	0996
181	e69	000	e80	· •
182	Geb	***	om	ce 60
183	sie	one .	con	• ``.
184	0.41	0.28	wen	0.10
185	44E	Gazo	0.48	emp
186	660	GGB	699	28 6
187	Gas .	•••	660	e ito
188	600)	0.000	400	case
189	1.52	edio	1.07	1.62
190	0.08	C29	050	699
191	3.94	439	ome	co)
192	0.33	3.86	3.10	3.35
193	0.20	036		0.53
194	9.14	5.59	1.96	6.86
195	1.14	2.95	5.03	4.27
196	0.02	are	480	0.08
197	0.64	460	=	0.64
198	0.08	1.40	0.36	1500

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
199	0.02	60		40
200	•	0.13	•	0.02
201	2.67	waro	-	•
202	0.10	2.79	4.62	2.39
203	au au	409	-	•
204	miù	e85	and the same of th	60
205	0.10	-	wo	980
206	eso .	sab	0.18	0.08
207	tida	ale	-	was
208	60	0.97	=	eah
209	1.24	one .	=	•
210	969	-	0.86	1.88
211	660	æ	40	663
212	0.00	Gill Control of the C	-	685
213	60	æ	ep	€5
214	dels	60	-	•
215	ens.	60	-	ed
216	659	0.43	40	60
217	0.64	2.77	0.38	0.61
218	2.41	. ••	1.27	2.16
219	985	0.18	.	0.02
220	490	900	ab	60

Table 12. (Continued)

Day of 1975 Central South West South East North We					
Central	South West	South East	North West		
500	-	-	•		
-	-		-		
0.13	-	-	Trace		
-	0.79	~~	0.23		
0.05	-		· •		
0.76		***	1.02		
co)	-	-	. 🕽 🛥		
3.56	wo	-	5.23		
0.13	2.87	•	0.33		
-	~	~	Trace		
-	**	-	•		
-	-	•	••		
	w	600	-		
50	•••	89 0	•		
-	•	~ 00	•		
100	0.02	ess	, eta		
-	400	eso	ed		
-	•	Total	wa		
-	•		•		
600	ess		~		
•	-	•••	-		
55 0	400	ess	***		
	- 0.13 - 0.05 0.76 - 3.56				

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
243	6.98	5.10	4.06	7.16
244	0.76	1.12	2.34	0.81
245	40	6 0	eso	•
246	40	40	ac	65
247	40	600	∞	660
248	0.10	sib	60	60
249	0.18	0.28	. •••	- 0.20
250	0.76	-	1.73	0.86
251	0.08	-	-	0.05
252	0.05	-	-	***
253	-	60	-	-
254	0.25	-	400	0.13
255	0.13	1.12	esb	0.20
256	43 3	0.18	0.46	wo
257	-	-		ane
258	0.05	. •	660	100
259	· «»	-	con	ais
260	-	690 :	œ	and
261	=	-	66	1.70
262	2.36	1.90	2.72	0.99
263	-	0.02	Real	689
264	0.02	-	spb	400

Table 12. (Continued)

		ochomic ser s s mas		
Day of 1975	Central	South West	South East	North West
265	1.27	5.13	-	-
266	5.74	2.69	5.99	5.38
267	1.65	2.39	2.44	2.84
268	4.50	3.10	0.15	3.28
269	3.89	-	1.65	2.59
270	0.05	e a	1.90	0.05
271	-	~	600	·. =
272	••	œa	on	•
273	-	ente	e a	-
274	0.02	G EO	639	
275	-	enge	con	
276	-	•	-	-
277	•		659	-
278	•	-	on	-
279	0.02	149	-	-
280	645	•	-	-
281	0.76	100	-	es .
282	2.84	-	(3.43
283	0.23	1.42	3.94	0.38
284	0.10	-	-	0.08
285	-	-	-	==
286	•••	-		-

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
287	-	•	**	•••
288	••	-	en en	•
289	968	0.51	wo	•
290	3.63	••	0.64	(
291	0.13	40	3.50	3.15
292	100	••	••	0.15
293	100		GEO	Trace
294	-	••	eio.	•
295	dia	-	-	40
296	60	-	40	•
297	560	sa	90	Trace
298	0.43	wo	0.56	0.43
299	•	sp.	90	
300	460	-	esp.	•
301	465	-	80	•
302	80	' -	and and	400
303	0.89	-	æ	€0
304		1.60	ato	600
305	-	173	699	•
306	-	40	esc.	e0
307	-	40 0	-	•••
308	-	-	65	

Table 12. (Continued)

Day of 1975	Central	South West	South East	North West
309	. -		•••	-
310	••	60	-	-
311	esb.	-	-	•
312	-		ca	0.18
313	0.05	œa	-	Trace
314	0.30	0.26	œ	0.20
315	0.05	0.13	-	0.10
316	2.77	4.01	-	0.66
317	1.09	60	5.03	3.33
318	•	440	66	499
319	-	•	-	-
320	-	•	-	-
321	-	ees	-	-
322	-	ea	-	••
323	-	•	-	***
324	0.02	-	-	-
325	0.51	0.58	-	0.43
326	••	-	-	0.02
327	•	-	-	-
328	-	-	**	-
329	0.02	-	-	
330	• .	-	-	

Table 12. (Continued)

				*
Day of 1975	Central	South West	South East	North West
331	0.05	100	•	60
332	-	•	0.69	0.10
333	•	esp	600	**
334	eo	esc	60	-
335	0.56	603	0.38	0.33
336	0.08	65	etto	=
337	400	•ss	-	_, . •ea
338	**	-	•	900
339	40	em	-	•
340	0.38	<u>.</u>	-	0.02
341	••	1.30	0.43	0.38
342	0.18			0.25
343	0.81	1.27	-	0.66
344	0.02	60	0.89	0.20
345	••	-	wiD	600)
346	•	on	· sa	•
347	0.28	0.36	0.30	0.28
348	40	653	eso	
349	600	0.20	co	Trace
350	0.18	1	0.25	0.13
351	400		-	-
352	••		-	••
		3		

Table 12. (Continued)

Day of				
1975	Central	South West	South East	North West
353	€#	-	-	-
354	••		- ,	-
355	***		-	-
356	•		-	•
357	656		-	-
358	400		-	-
359	0.51		-	988
360	2.31		1.80	4.06
361	***		•	
362	-		•	en
363	60P		eg	•
364	0.96	\downarrow	-	0.99
365	6.15	5.10	2.18	1.75

Figure 11

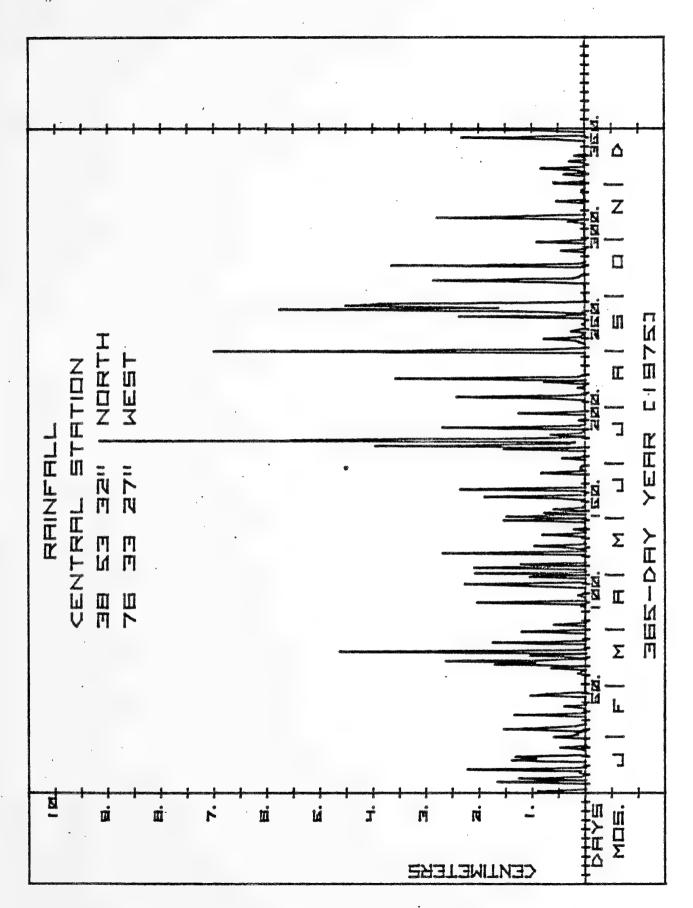


Figure 11a.

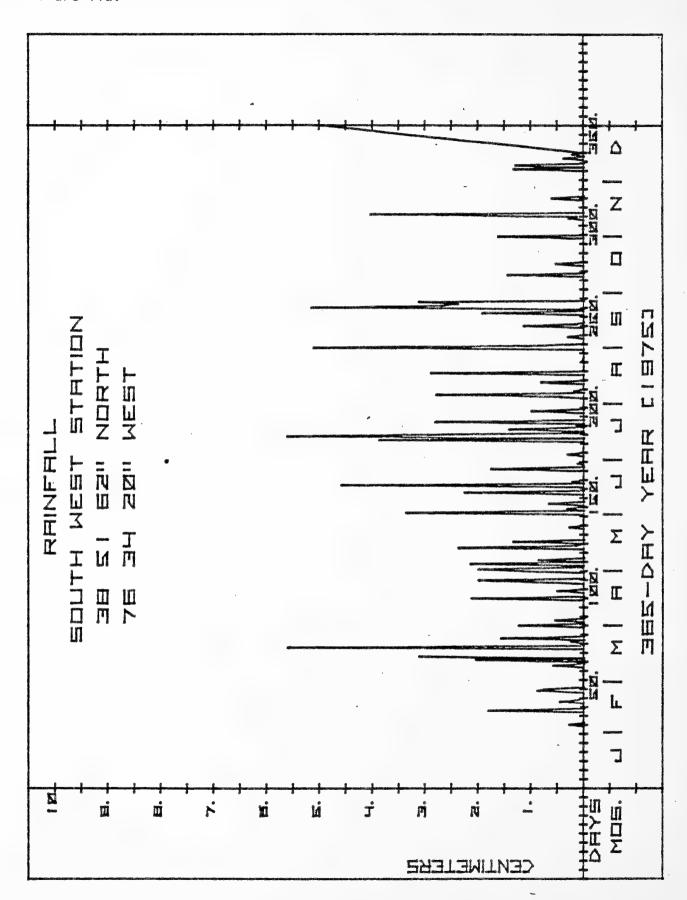


Figure 11b.

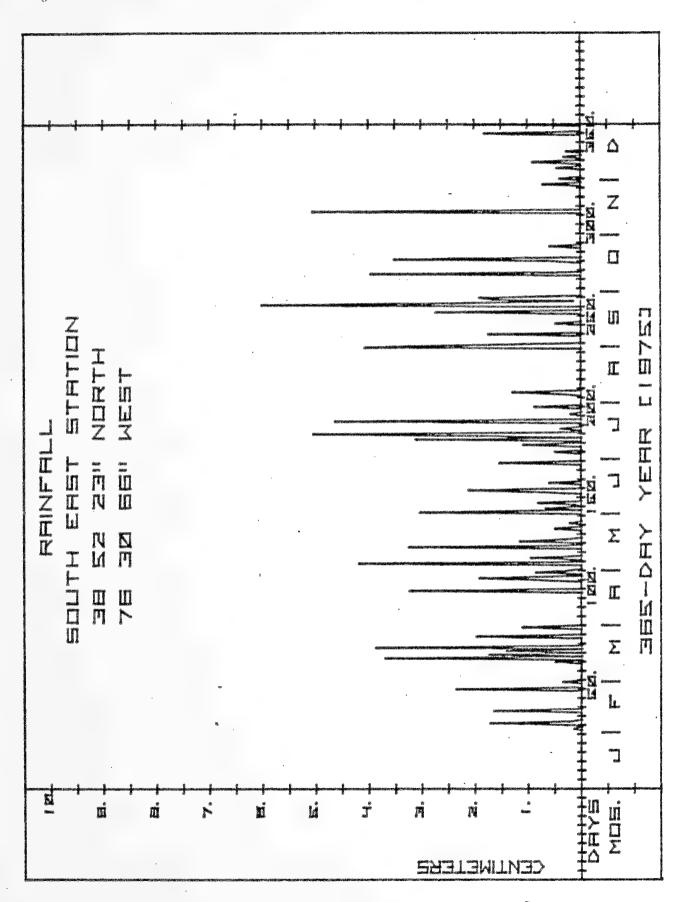


Figure 11c.

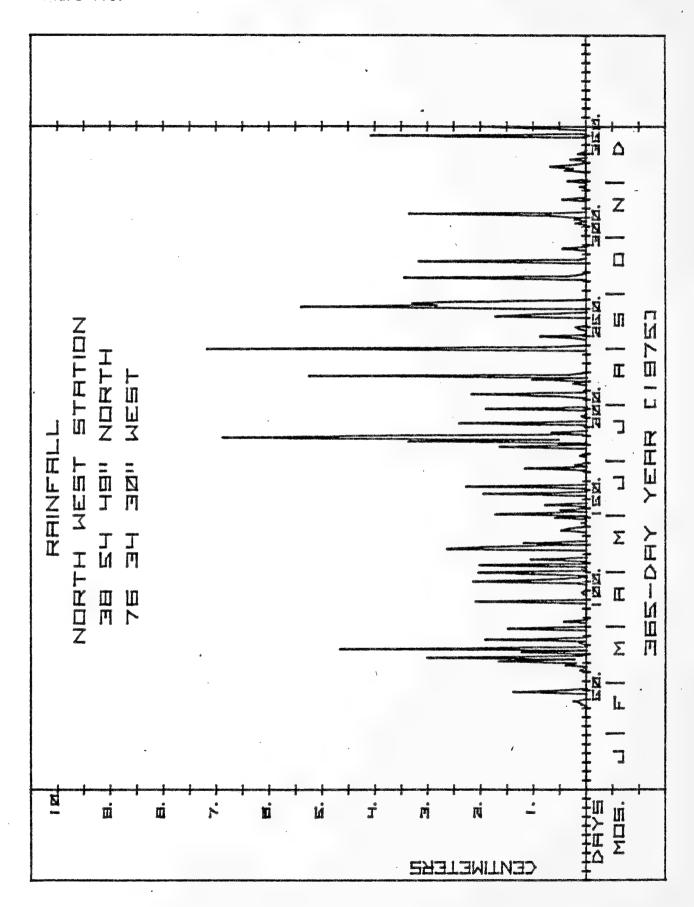


Table 13. Evaporation pan data

Day of 1975	Water temperature C	Day of 1975	Water temperature C
234	31.1	257	049
235	-	258	900
236	uae	259	23.3
237	esc .	260	con
238	37.8	261	27.8
239	38.9	262	. 600
240	34.4	263	eo
241	CGE	264	60 '.
242	odi.	265	-
243	460	266	-
244	66	267	· · ·
245	mile	268	693
246	60	269	620
247	46	270	26.7
248	600	271	695
249	32.2	272	410
250	oo	273	25.6
251	ass	274	26.7
252	28.9	-	
253	999		
254	25.6		
255	ato		
256	660	~	

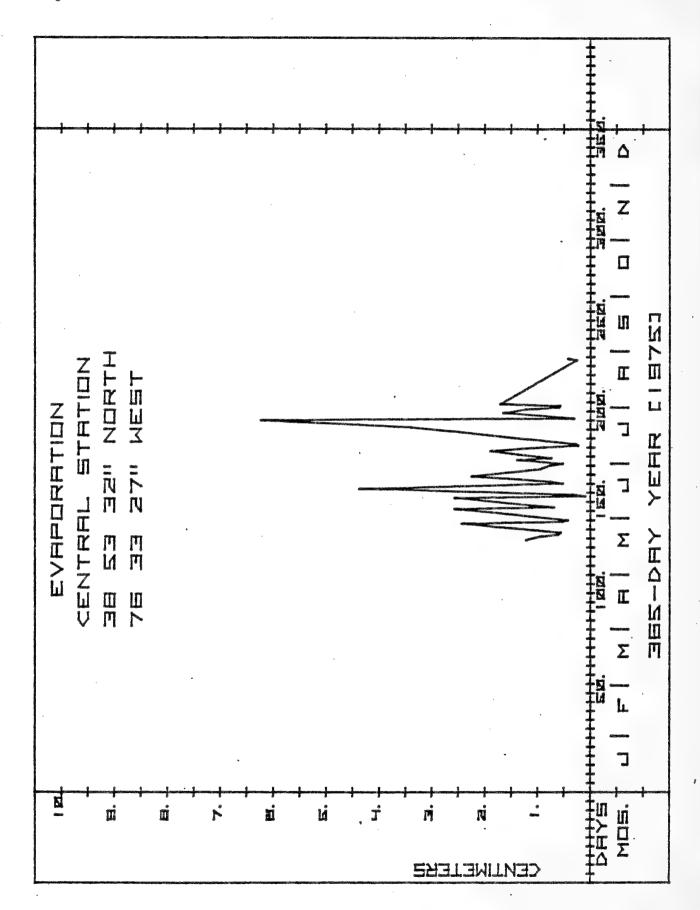
Table 13. (Continued)

Day of 1975	Evaporation Cm	Day of 1975	Evaporation Cm	Day of 1975 -	Evaporation Cm
139	1.22	163	0.11	187	•
140		164	0.34	188	1.88
141	0.94	165	40	189	5
142	0.62	166	•	190	0.91
143	0.57	167	4.36	191	0.25
144		168	. •	192	0.28
145		169	-	193	69
146		170	0.54	194	. •*
147		171	0.76	195	-
148	2.42	172	669	196	-
149	0.55	173	•	197	480
150	0.44	174	2.24	198	-
151	-	175	**	199	
152	ess	176	***	200	
153	***	177	•	201	3.40
154	-	178	0.96	202) 3.40
155	u lan	179	••	203	
156	2.56	180	0.77	204	(
157	0.70	181 ·	0.54	205	6.22
158	aze	182	a a	206	0.33
159	œ	183	1.38	207	we
160	-	184	0.75	208	1.64
161	exe	185 .	•	209	(1.04
162	2.56	186	-	210	••

Table 13. (Continued)

Day of 1975	Evaporation Cm	Day of 1975	Evaporation Cm
211	1.24	235	•
212	0.61	236	460
213	0.58	237	RCD
214	7.70	238	0.28
215	1.70	239	0.42
216	ee .		
217	eso		
218	via .		
219	en .		
220	400		
221	no.		
222	sic)		
223	es		
224	400		
225	600		
226	en		
227			
228	600		4
229			
230	eo		
231	•		
232	-		
233	•		
234	on.		

Figure 12.



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Sec			
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